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# HOLMES'

## 1929

### HANDBOOK OF SEEDS

IMPLEMENTS  
ETC

"HOLMES  
EMPEROR"  
NEW GREEN  
WINTER CELERY.

Absolutely the  
sweetest, nuttiest-  
flavored, most brittle  
green celery grown.

*Originals own growing.*

PER. PKT. 15 <sup>cts</sup>	PER. ½ OZ. 60 <sup>cts</sup>
PER. OZ. \$1.00	¼ LB. \$2.75
1 LB. - \$10.00	

*For full description see page 13*

D. N. Shoemaker  
Vegetable Seed Trials  
FEB 28 1929

*Direct to the Farmer*

*The*  
**Holmes Seed Company**  
Canton, Ohio

*Tested Seeds of Known Vitality and Purity*



# Holmes' Tested Seeds

## of KNOWN VITALITY AND PURITY

### Free Delivery of Holmes' Seeds by Mail

All seeds offered in this catalog will be delivered to your door, postpaid, in any quantity up to and including ten pounds. On larger quantities of Seeds, Potatoes, Onion Sets, Farm Seeds and Tools, the purchaser pays the transportation charges.

Should you be in doubt as to the better method of transportation, we suggest that you leave the choice to us and let us give you the benefit of our experience in shipping to all parts of the world.

**HOW TO ORDER.** Please sign your name and full address on every order and letter. Please write plainly. It is much safer to send the money for the goods in the form of an express or post office money order, bank draft, or your own personal check. We accept stamps for cash, if that is more convenient.

**FARM SEED PRICES** subject to market changes. Before buying, ask for our Farm Seed Price List.

**ERROR IN THE FILLING OF ORDERS.** We use the greatest care in filling, checking and packing orders. Yet, should anything be omitted, we will promptly forward when advised. Write your orders carefully and keep a duplicate copy for comparison.

**HOLMES' GUARANTEE.** We guarantee the safe arrival of your seeds. Most of the failures with seeds, plants or bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and, although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, The Holmes Seed Company give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants or roots they send out, and they will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. It must, however, be plain to everyone who gives the matter the slightest thought, that it is to our best interest to send out only such stock as will not only grow, but prove true to name and description.

**OUR RESPONSIBILITY AND STANDING.** The Holmes Seed Company is incorporated under the laws of Ohio. We refer you to the Geo. D. Harter Bank, the Better Business Bureau, the Canton Chamber of Commerce, to Dun's or Bradstreet's Mercantile Agencies, and to any responsible business house in this city. We know that when you have once bought from us you will become our permanent customer.

**SPECIAL QUOTATIONS** are gladly given on larger quantities of anything offered in this catalog if you will submit a list covering quantities wanted. If in need of something not herein listed, write us before ordering elsewhere.

### Fine Collection of Holmes' Giant Spencer Sweet Peas

This is a wonderful collection of choice colors and fine varieties of lovely Spencers. One full size packet of each named variety with leaflet on Sweet Pea Culture for .....

# 25c

Barbara. Fine salmon.  
Commander Godsall. Violet-blue.  
Elfrida Pearson. Pink.

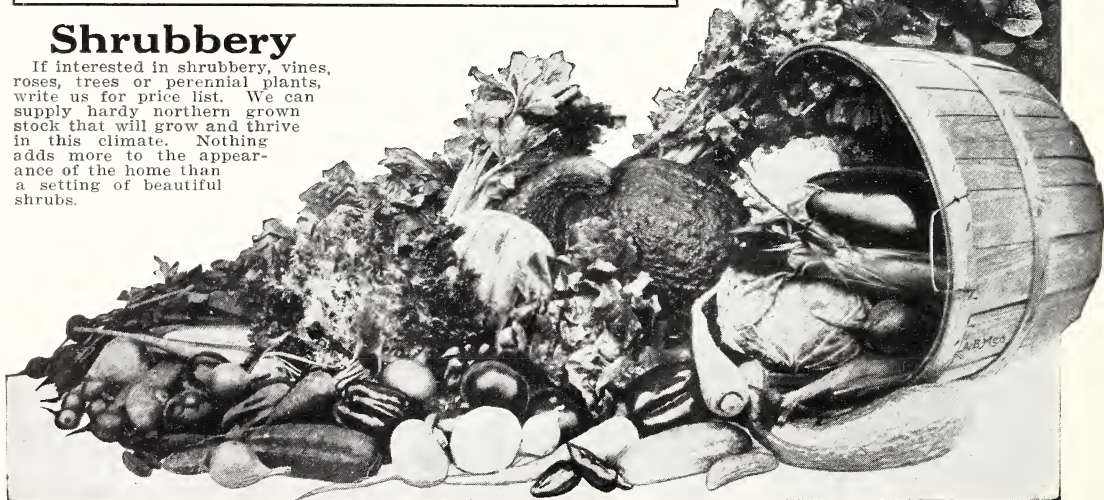
Crimson King. Rich, deep crimson.  
Powerscourt. Lavender.  
Royal Purple. Purple.

### Shrubbery

If interested in shrubbery, vines, roses, trees or perennial plants, write us for price list. We can supply hardy northern grown stock that will grow and thrive in this climate. Nothing adds more to the appearance of the home than a setting of beautiful shrubs.

### SUGGESTIONS

We are always pleased to receive suggestions regarding this catalog from our customers; our object being to make it as convenient and useful as possible.





# THE HOLMES SEED COMPANY

224 Cleveland Avenue, N. W., CANTON, OHIO

Ship by \_\_\_\_\_ Date \_\_\_\_\_ 192\_\_\_\_  
(State if wanted by Parcel Post, Express, or Freight)

To (Name) \_\_\_\_\_  
(Mr., Mrs. or Miss; please print name)

P. O. Box, Street  
or Rural Delivery \_\_\_\_\_

Post Office \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Station or Exp. Office \_\_\_\_\_  
(Only if different from P. O.)

Are You a Market Gardener? \_\_\_\_\_ Are You a Florist? \_\_\_\_\_

In accordance with the universal custom of the Seed Trade, the Holmes Seed Co. gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

WE DELIVER FREE all Garden and Flower Seeds in amounts up to and including ten pounds. On larger quantities the customer pays for transportation. See Inside Cover.

No.	✓	QUANTITY		DOLLARS	CENTS
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3					
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CHECKED BY
DATE
SHIPPED
AMOUNT ENCLOSED
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Check or Draft ....\$.....
Cash ....\$.....
Stamps ...\$.....
TOTAL ..\$.....

If you have moved during the year, please give us your old as well as your new address.

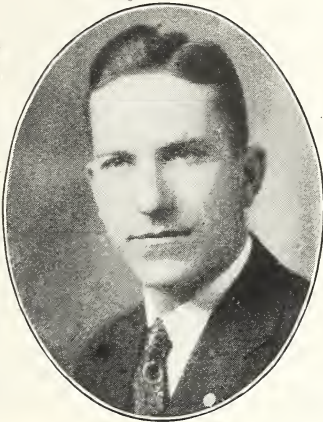
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KINDLY WRITE BELOW THE NAMES OF ANY FRIENDS OR NEIGHBORS WHO ARE INTERESTED IN GARDENING, SO THAT WE MAY SEND THEM OUR CATALOG

NAME	CITY OR TOWN	R. F. D.	STATE	Note Whether They Grow for Market or Home Use



# SPECIALISTS IN *Seeds*



WM. S. BERGER

Mgr. Retail and Mail Order Departments. With 12 years experience in the Seed Business.



HARRY HOLMES, Jr.  
Pres. and Gen. Mgr.

Recognized Authority On Seeds and Gardening.



WAYNE E. WATSON

Sec'y and Mgr. of the Farm Seed and Market Garden Departments.

## *You Buy Seeds Like Diamonds, On Faith*

**W**HEN you buy a diamond you are making an investment in beauty and pleasure. Not one man in a thousand knows enough about diamonds to be absolutely sure of the value he is getting. So, if you are wise, you will not try, with your meagre knowledge of precious stones, to "shop around." Instead, you go to a reputable jeweler, with a sound reputation for fair-dealing. You put your trust in his knowledge and his honesty. You buy on faith.

It is the same way with seeds. Unless you are an expert with years of experience, you cannot hope to tell whether you are getting good healthy seeds or trash . . . until after it's too late to do anything about it! But the expert seed man, like the jeweler, CAN tell the quality of his wares, by skillful inspection and exhaustive test.

When you buy seeds, by all means inspect them carefully. But be very sure indeed that you inspect even more carefully the character and integrity of your seed man. Remember, after all, you must buy your seeds on faith.

The Holmes Seed Company owes its prosperity to the confidence that the seed-buyers place in its directors. The president and general manager, Harry L. Holmes, Jr., has been the successful manager of a seed business for 21 years. He holds himself personally responsible for every lot of seeds and plants that the company offers to its clients and his years of experience and watchful supervision guarantee complete satisfaction.

Wherever possible, the Holmes Seed Company produces its own seeds, to make certain of reliable stock. It has no connection whatever with any other seed house. It stands foursquare for

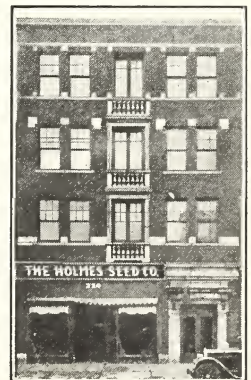
TESTED SEEDS OF KNOWN VITALITY AND PURITY

## The Holmes Seed Co.

*Tested Seeds of Known Vitality and Purity*

224 Cleveland Avenue, N. W.

CANTON, OHIO







# Holmes' Grass Seed of Known Quality

## TESTED FOR PURITY AND GERMINATION

All our seeds are of the highest quality, obtained direct from the most reliable sources in the United States and abroad, and are carefully examined as to purity and growth, including tests made for us by leading Seed Testing Stations. We will furnish the percentage of purity and vitality. We are always pleased to suggest varieties suited to your soil and climate, to assemble combinations of seed to your specifications, or to supply our own mixtures and tell you the varieties of seeds in the mixture.

### Holmes' Finest Lawn Seed

The lawn being a permanent feature deserves most careful consideration, and for this reason we recommend **Holmes' Finest Lawn Grass**, which we believe is unexcelled in every way. We know by proven tests that it will produce a green, smooth, velvety sod with a thick bottom—free from common grasses which are inclined to produce clumps or knots. **Holmes' Finest** is unsurpassed for first-class and permanent results. This is due to the fact that we use only the very finest varieties of the most suitable grasses for making an even, thick mat of grass. The various grasses which compose this well balanced blend are fine-bladed and deep-rooting, sure to produce the best results under the varied conditions of soil and climate prevailing here. It is all plump, heavy seed, free from chaff and weed seeds. A small quantity of White Clover is included in order to help thicken the bottom of the sod. We recommend sowing one pound of **Holmes' Finest** to an area 10x30 feet, or 300 square feet; 100 to 150 lbs. are required to sow an acre. **Lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.50; 10 lbs., \$4.75; 100 lbs., \$45.00.**

### Holmes' GROGREEN Lawn Grass

This mixture is positively the very best, mixed by ourselves and containing the very finest, fanciest, cleanest grade of grasses. The results it produces by reason of its superior lasting qualities, are most satisfactory. **Grogreen** is for the man who puts the proper value on his lawn as the setting for his home, who is willing to pay the price for a good lawn, and gets what he pays for. If you want results, sow **Holmes' Grogreen** for lawns of lasting beauty. Delivered free, by mail, express or freight, at our option. **Lb., 50c; 5 lbs., \$2.35; 10 lbs., \$4.50; 100 lbs., \$40.00.** (25 lbs. or more supplied at 100-lb. rate).

### Holmes' Terrace Lawn Grass

A special mixture of grasses best suited for sowing on terraces and embankments. Grasses that produce long, strong, spreading roots, thus preventing heavy rains from washing them out; that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, velvety green turf throughout the season. **Lb., 50c; 5 lbs., \$2.35; 10 lbs., \$4.50; 100 lbs., \$40.00.** (25 lbs. or more supplied at 100-lb. rate).

### Holmes' Shadylawn Grass

It is not so hard to get a good turf under the trees, providing the proper mixture of lawn seed is used. A liberal use of sheep manure is very helpful and an occasional feeding of bone meal. Sow **Holmes' Shadylawn** early in the Spring when the ground is honeycombed and roll thoroughly. Renew the lawn in Fall or Spring with half the amount of seed used for the new lawn. **Lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.75; 100 lbs., \$45.00.** (25 lbs. or more supplied at 100-lb. rate).

**KENTUCKY BLUE GRASS** (*Poa pratensis*). It is a true perennial, lasting indefinitely and improving every year. Kentucky Blue Grass has creeping, underground stems; leaf blades very narrow; color a deep vivid green. Unlike some other grasses, it blooms but once each season. It is one of the very best grasses for fairways in the North and succeeds well on all soils. Sow 5 lbs. to 1000 square feet. **Lb., 50c; 5 lbs., \$2.35; 10 lbs., \$4.50; 100 lbs., \$40.00.**

**CREEPING BENT** (*Agrostis* Species or South German Mixed Bent). This is undoubtedly one of the finest grasses for putting greens. The distinctive feature of this species is its compact, creeping rooting stems. It is of rapid growth and spreading habit; the stoloniferous roots form a strong enduring turf which withstands hard usage. Does well on all soil, particularly on light, moist land. Lime should not be used where this seed is planted. Sow 5 lbs. to 1000 square feet. **Lb., \$1.00; 10 lbs., \$9.70; 25 lbs., \$23.00; 100 lbs., \$85.00.**

### White Clover

The best for lawns, as it remains green throughout the season. Sow 10 to 12 lbs. per acre. **Lb., 70c, postpaid.**

### QUANTITY OF LAWN GRASS TO SOW

1 lb.	will sow a plot	15x 20 ft. or	300 square feet.
5 lbs.	will sow a plot	30x 50 ft. or	1500 square feet.
10 lbs.	will sow a plot	50x 60 ft. or	3000 square feet.
25 lbs.	will sow a plot	100x108 ft. or	10800 square feet.
100 lbs.	will sow a plot	209x209 ft. or	43681 square feet.

If intended for renovating an old lawn, about half the above quantities are sufficient for the given spaces.

**Cultural Leaflet—"HOW TO MAKE A LAWN"—Free With Order When Asked For.**



# Holmes' Specialties for 1929



Holmes' Early Scarlet Globe Radish.

## Holmes' Early Scarlet Globe Radish

**America's Most Popular Radish.**

Very early, bright rich red color; flesh extremely crisp, white and mild. It grows quickly and evenly, being ready for market in 25 days. Equally good for field culture or for forcing. The strain we offer is exceptionally fine, of a true globe shape, and brilliant color; making a splendid appearance on the market. It remains in condition for use longer than any other early Radish. There is a diversity of types of Scarlet Globe on the market. If you want the best, try **Holmes' Early Scarlet Globe**. You will not be disappointed. **Pkt., 10c; oz., 15c; ¼ lb., 40c; 1b., \$1.00.**

## Broccoli - Calabrese

**The True Italian Green Sprouting.**

Greens are finding a place of increasing importance on the large markets. Of these, the Italian Green Sprouting Broccoli has been in special favor and has brought high prices. Of the true Broccoli there are a number of different varieties running from light green to deep purple. Christmas Calabrese, as offered herewith, is one of the most reliable and valuable sorts. A reasonably large, solid head is formed and after the head is cut, sturdy sprouts develop at the axes of the leaves. Each sprout terminates in a separate head. These are cut in lengths about 10 to 12 inches and are tied in bunches of two or three. Served in the same way as Asparagus they form a very tasty and nourishing dish. It is adapted to growing in Spring, Summer or Fall, and is certainly much more easily and successfully grown in the northern states than cauliflower or Brussels sprouts. **Pkt., 20c; oz., 75c; ¼ lb., \$2.50.**



Bottle Onion.

## Bottle Onion

This Onion has been grown for many years in certain sections. Its great merit deserves that it should be known universally. It is absolutely unsurpassed in flavor, being mild and sweet like the Spanish Onion. Its great length makes it a fine bunching Onion, and it is also excellent for slicing. It yields well, and is a good keeper. If you give this Onion a trial, you will never be without it. Genuine stock. **Pkt., 15c; oz., 35c; ¼ lb., \$1.25; 1b., \$4.00. Sets, 1b., 35c, postpaid; by express, ¼ bu., \$1.50; bu. (32 lbs.), \$5.00.**

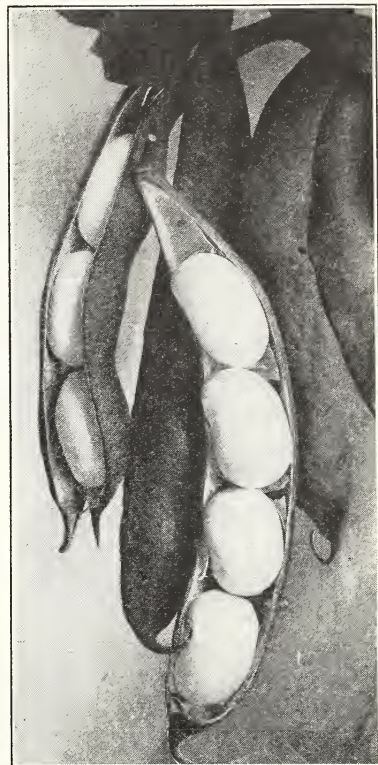
## Princess Juliana Spinach

Large, crumpled, dark green leaves. Suitable for Spring, Summer or Autumn planting. The Princess Juliana Spinach is of the long season type, with large, crumpled, rich dark green leaves. It lacks entirely the earlier male bolting plants, so that it remains much longer in prime condition. After testing this variety for several years,

## Holmes' Original Butter Beans

This Bean is not a Lima, but grows tall and very prolific. More delicious than the Lima. The illustration herewith portrays accurately the **Holmes' Original Butter Bean**. We want every farmer and every private gardener to give these Beans a trial and be convinced that they are all we represent them to be. **Holmes'**

**Original Butter Beans** are one of the heaviest croppers of which we know, and ripen earlier than the Lima Beans. The pods hang on in clusters and the beans are as large as Limas, in fact they are much thicker through than the Improved Bush Lima. There is no more delicious dish than these beans gathered just when the pod begins to turn yellow. They are very rich and the flavor beyond compare. Anyone who once tries this bean will not be satisfied to be without it. **Pkt., 20c; ½ lb., 40c; 1b., 75c; 2 lbs., \$1.40; 5 lbs., \$3.25, postpaid.**



Holmes' Original Butter Beans.

We are convinced that the **Princess Juliana Spinach** will become the most popular variety on the market, not only for its uniform growth, but for its delicious and tempting flavor. **Pkt., 10c; oz., 15c; ¼ lb., 20c; 1b., 50c.**

*The HOLMES' EMPEROR CELERY I had from your seed is absolutely the best I ever raised. The quality is just as you state.—MRS. J. CAMPBELL, Carroll Co., O.*

*I am well pleased with the flower seeds I purchased from you. The Snapdragons, Zinnias and Lupins were marvelous. I do not hesitate to recommend your seeds to the most critical gardener.—D. C. KOCHENDERFER, Harrisburg, Pa.*



## Asparagus

An oz. plants 50 ft. of row, produces about 200 plants; 4 to 5 lbs. per acre.

Can be started by sowing the seeds or setting out roots. A bed once properly made and planted, will last for years. When roots are one to two years old, set them 12 inches apart. The rows should be 8 to 10 inches deep, with width of 6 to 8 inches at the bottom. After spreading out roots, cover crowns with 3 inches of soil. With the growth of the shoots gradually fill in with earth until level with surface. Cultivate carefully during the season.

**MARY WASHINGTON.** A most remarkable, almost rust-proof Asparagus. This Asparagus, which has been selected by the United States Department of Agriculture, Washington, D. C., has proven to be nearly rust free. The plants form large, clean shoots which are thick and heavy. They are long and straight, with closely folded tips. The color is rich dark green, tinted darker at the tips. It is a heavy yielder and a long-lived producer of exceptionally fine flavor. The performance of the 15-year-old mother plant of Mary Washington, which is still growing in the trial grounds of the Department of Agriculture, is ample proof of the hardiness and longevity of this variety. **Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.**

**PALMETTO.** Large, thick, dark green shoots with a distinctly pointed tip. The heavy stalks are produced very freely and make attractive bunches. It is a great favorite in certain Asparagus-growing sections. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 85c; 5 lbs., \$3.75; 10 lbs., \$7.00, postpaid.**

### Asparagus Roots

**MARY WASHINGTON.** This excellent variety is fully described above. These roots will give maximum yields beginning the second year after planting. We recommend this fine new Asparagus to everybody. **25 for 75c; 50 for \$1.30; 100 for \$2.30, postpaid. By express, 1000 roots for \$13.00; 5000 roots for \$60.00.**

**PALMETTO.** A favorite variety with many home gardeners and market growers. **25 for 45c; 50 for 80c; 100 for \$1.50, postpaid. By express, 1000 roots, \$9.75; 5000 roots, \$45.00.**

## Brussels Sprouts

One ounce will produce 1500 plants; 6 ounces will plant an acre.

Use a rich, heavy loam with good drainage. In the latitude of Canton sow outside in rows in May and transplant in July to 2 to 2½ feet apart, setting the plants 1½ to 2 feet apart in the rows. Cultivate often. Brussels Sprouts are hardy and keep in fine condition from October until December, while farther south they keep through March.

**DANISH PRIZE.** A very uniform strain that has proved more productive of firm dark green sprouts than can be grown from other sorts. Plants dwarf, compact and hardy. A profitable variety. **Pkt., 10c; oz., 35c; ¼ lb., 90c; lb., \$2.75.**

## Dwarf Beans

One pound will plant 100 feet of row; 60 pounds will plant an acre.

The best soil is a well manured, sandy loam, but very fine crops are produced on an average garden soil. After the ground is perfectly warm (usually about May 1st) sow at intervals of two weeks in order to secure a succession throughout the season. Sow 2 inches deep, 3 inches apart in rows 2 feet apart. Cover firmly. Cultivate often, keeping a mulch of loose soil at all times. Deep cultivation after flowering will cause many blooms to fall. Beans will be ready 6 to 8 weeks after planting.

### Dwarf Wax Podded Beans

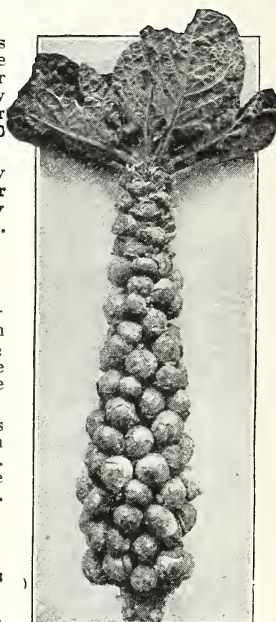
**SURE CROP STRINGLESS WAX.** The earliest and heaviest bearing stringless yellow pod Bean. A most prolific variety of superlative quality. The handsome rich yellow pods are slightly curved, averaging 6 to 7 inches in length. They are almost round; one-half inch wide, very meaty and sweet, and perfectly stringless at all stages. The habit of the plant is free branching, but sturdy and upright, every branch carrying a heavy crop of the magnificent pods. Valuable for its productiveness and disease-resisting qualities. It is classed as an early variety and has proven to be a quick seller because of its many good points. **Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00; 10 lbs., \$3.75, postpaid.**

**PENCIL POD BLACK WAX.** Very strong, vigorous, 15 inches high, and very productive. The pods are large, 6½ to 7 inches long, fully rounded, straight and deeply saddle-backed, of a light golden yellow color, strictly stringless, free from fiber, brittle, fleshy and of the highest quality. **Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**ROUND POD KIDNEY WAX.** Early yellow Bean. Plants strictly bush form. Pods large, round, yellow, very brittle, absolutely stringless, remaining in good condition for use until full grown. Quality excellent. **Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00; 10 lbs., \$3.75, postpaid.**



Mary Washington Asparagus.



Danish Prize  
Brussels Sprouts.



Pencil Pod Black Wax.



## DWARF WAX PODDED BEANS—Continued.

**IMPROVED (RUST-PROOF) GOLDEN WAX.** Of typical bush growth, 10 to 12 inches tall, producing a good crop of straight pods. **Stringless and brittle**, with thick, flat pods of a lemon-yellow color, slightly tinged green. The variety has proved to be practically free from rust except when grown under decidedly unfavorable conditions. It is of extra early maturity. **Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**WARDWELL'S KIDNEY WAX.** An excellent main crop wax variety. The plants grow about 15 inches high, are vigorous and very productive. The 6-inch pods are straight, flat, moderately stout, fleshy, brittle, fine grained and nearly stringless and of a rich golden yellow color. **Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

## Dwarf Green Podded Beans

**BURPEE'S STRINGLESS GREEN POD.** This famous snap Bean is unequalled. The plants are medium large, of somewhat spreading growth, with dark green foliage, and always of strictly bush form. The pods are medium in length, slightly curved, and are thick, even when quite young. The pods are attractive rich green. Burpee's Stringless Green Pod is enormously productive and combines this feature with hardness and extreme earliness. The pods, even when fully grown, are meaty and juicy, lacking the faintest signs of any strings. They are tender and brittle, of very fine texture and delicate flavor. **Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**BOUNTIFUL.** Matures in 45 days. It is recommended for all purposes, being very early, vigorous and productive. The mature pods are from 6 to 7 inches long, straight, broad, flat, light green and **absolutely stringless** for snaps. It is a highly flavored variety and one that can be recommended for local consumption as well as for the large markets. **Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00; 10 lbs., \$3.75, postpaid.**

**FULL MEASURE.** Fine stringless medium green pod of high quality. The pods are straight, 6 inches long, very fleshy, almost round, crease-backed, have no neck, showing depressions around the Bean, and are tender. It is a prolific sort, the heavy pods producing throughout a long season. About same season as Burpee's Stringless, but more productive. **Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**IMPROVED RED VALENTINE.** Productive and hardy, doing well on a wide variety of soils. We offer a much improved strain of Red Valentine which produces, in about 55

Sure Crop Stringless Wax Beans.

days from planting, perfectly round, thick and meaty pods that are stringless until half grown. Quality excellent. **Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**DWARF HORTICULTURAL.** Stringless pod. Excellent as a pod Bean or dried for a shell Bean. The seed is large, round and somewhat mottled. The pods are long, round, very thick and fleshy. **Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

Do not fail to include in your order Holmes' Fireball Beet, Penn State Ballhead Cabbage and Holmes' Emperor Celery.

*The best seed we ever used were the Holmes' seeds.—*  
MISS LOUISA K. HIESTAND, Penna.

*The Holmes' Prolific Sweet Peppers seed I bought from you are the best growing seeds I ever planted. Every seed grew.—*MRS. FRED SITLER, Ohio.

*Had a wonderful garden of flowers from your seeds. It was a real attraction here.—*L. V. BUSCHE, McConnellville, Ohio.

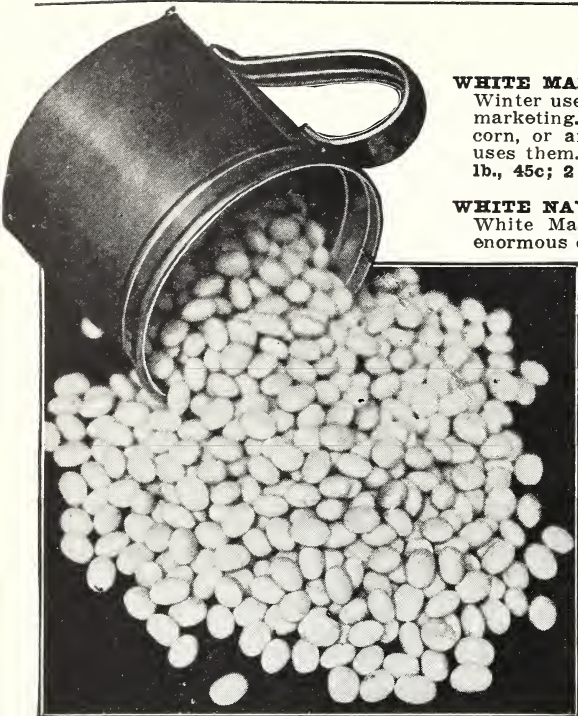


Bountiful Beans.



Burpee's Stringless Green Pod.

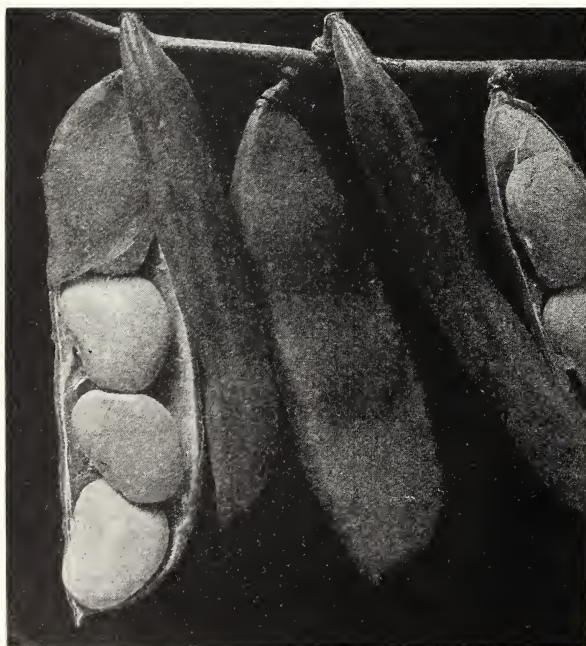




White Navy Beans.

cover with less than one inch of soil. The Beans will germinate more rapidly if placed on edge with the eye down. Bush Limas may also be planted in hills 3 feet apart one way and 2 feet apart the other, using 4 to 6 beans to the hill.

**FORDHOOK BUSH LIMA.** Our Fordhook Limas are pure stock, excellent quality. The Beans are very thick, meaty and of delicious flavor. It is ready for use a week earlier than other dwarf Limas and bears fully a third more pods. The plants stand very erect, never prostrate or running, and are filled with many clusters of pods. Remember, that our improved strain of Fordhooks are bred up to increased yield, richer flavor, and attractive color. Quality counts more than price on any market. We urge you to order early all you need. (Crop very short). Pkt., 10c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00; 10 lbs., \$3.75, postpaid.



Henderson's Bush Lima.

## Soup or Shell Beans

**WHITE MARROWFAT or SOUP BEAN.** Dwarf. Shelled and dried for Winter use. Every farmer should grow a good patch of these for Winter marketing. Plant them in the garden or along the outer row of your corn, or anywhere, for you can sell Soup Beans any time. Everybody uses them. It is a good, profitable crop to grow. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.

**WHITE NAVY.** Also called Pea Bean. This is smaller in size than the White Marrowfat but has an excellent flavor and is being grown in enormous quantities. It should be grown both for market and home consumption. One-half to one bushel per acre is required, depending on whether the rows are 2 or 3 feet apart. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.

**RED KIDNEY.** An old variety; very popular. Seed is red plant grows dwarf. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.

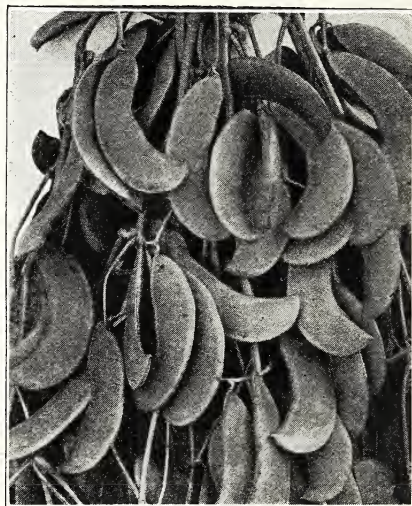
**WHITE KIDNEY.** This is another good variety for baking and for soup. The Beans are white and larger than either the Navy or White Marrowfat. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.

## Bush Lima Beans

One pound will plant about 100 hills, or 100 feet of row; 60 pounds will plant an acre.

A rich, light soil is best. Sow the seed after the ground is dry, danger of frost is over, and the nights are warm (about May 20th in the latitude of Canton). Make the rows 3 ft. apart,

dropping the Beans so the plants will stand 4 to 6 inches apart in the row, and



Burpee's Improved Bush Lima.

**WRITE FOR  
PRICES ON  
LARGER  
QUANTITIES  
OF BEANS**

**BURPEE'S IMPROVED BUSH LIMA.** Fine flavored; big, broad, "meaty" Beans. The sturdy bushes grow 20 to 24 inches high. It is an enormous yielder, bearing in close clusters as many as eleven pods, containing three, four and five beans, more containing five than three. The Beans are much larger and nearly twice as thick as the old Burpee Bush, and mature a week earlier. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.

**BURPEE'S BUSH LIMA.** The bushes grow about 20 inches high, are very prolific and the Beans are as large as the large pole Limas. The new Burpee's Improved Bush Lima is, however, a vast improvement over this variety. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.

**HENDERSON'S BUSH LIMA.** Small Beans, but very tender and of exquisitely rich, buttery, Lima flavor, whether used green or dried for Winter. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.

Prices in Seed Annual are quoted subject to change, but usually hold good through the season.



## Pole or Corn Beans

One pound will plant 75 to 80 hills; 20 to 30 pounds per acre.

Do not think of hurrying your crop by too early planting or you may have a failure—the seed will rot readily if the soil is cold and wet. Wait until the soil is thoroughly warmed. Use 8-foot poles, placing them 4 feet apart in the rows each way. Plant five or six Beans around each pole; let three of the best plants stand. They may also be grown in rows and supported by wire or along a wire fence; plant the seed two feet apart for this method. Top dress with good fertilizer or manure, working it in as you cultivate.

### KENTUCKY WONDER (Old Homestead).

Continues to bear throughout the season, if the pods are picked as they mature. The pods are 7 to 9 inches long, very deeply creased, meaty, stringless when young, and of finest quality. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.

**LAZY WIFE.** Broad, thick, fleshy, green pods, entirely stringless. Pods average 6 inches and are borne in great abundance. The white Beans may be used as soup Beans if allowed to dry in the pods. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.

**OLD-FASHIONED SICKLE.** One of the best quality; well known to all farmers and gardeners. The seed is gray, with black stripes; the pods long, meaty and stringless. Very heavy yielder. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.

**HORTICULTURAL or SPECKLED CREAM-BERRY.** Especially adapted for short seasons and cool locations. It produces long, round, thick pods of fine green color, and is very prolific. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.

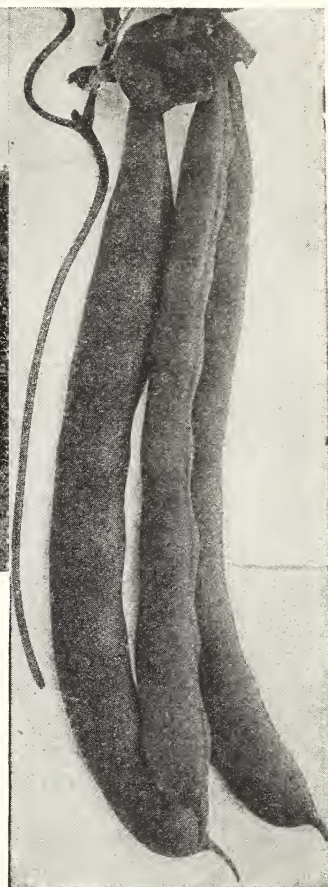
### Yellow Pod Pole Beans

**EARLY GOLDEN CUSTER WAX.** Large, flat, yellow pods, borne in clusters very profusely; stringless and very tender. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.

**YELLOW-PODDED KENTUCKY WONDER.** This variety has all the good qualities of the green-podded variety of the same name, yet is a yellow-pod Bean. The plants are covered with beautiful, long, golden yellow, stringless pods. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.



Kentucky Wonder Pole Beans.



## Holmes' Green Prolific Pole Lima

The Best Main Crop Pole Lima Grown.

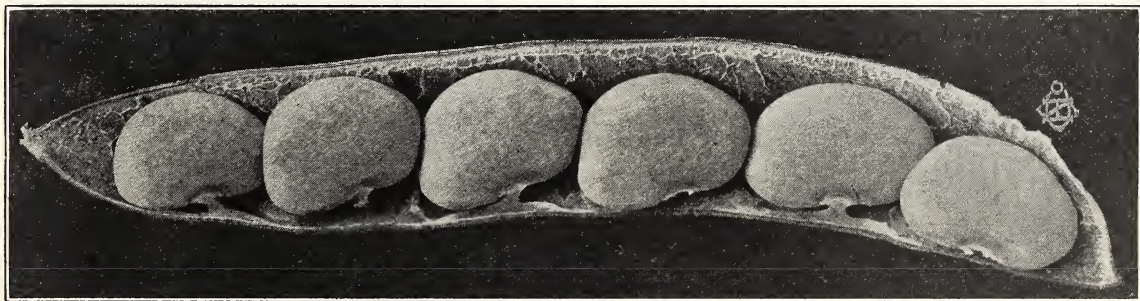
Enormously Prolific—Of Gigantic Size—Tenderness and Flavor Superb.

This is another sterling variety of Holmes' introduction. There is great satisfaction in producing large pods, yet under ordinary conditions, anyone can do so, by planting **Holmes' Green Prolific**. The vine does not differ materially from that of the ordinary pole varieties. Its chief distinction lies in the size of the pods, which hang in wonderful profusion on the vines. The average yield is greater than in any other variety, which, taken in conjunction with the great size of the individual Beans, gives a net crop of really remarkable proportions. Though a little later than **Early Leviathan**, it is just as early as the ordinary pole varieties, and continues to produce enormous crops of the best flavored Beans right up to frost. Pkt., 15c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.

**KING OF THE GARDEN LIMA.** This variety produces large, flat pods of good quality, containing 5 or 6 large Beans. It is very prolific, and quite early. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.

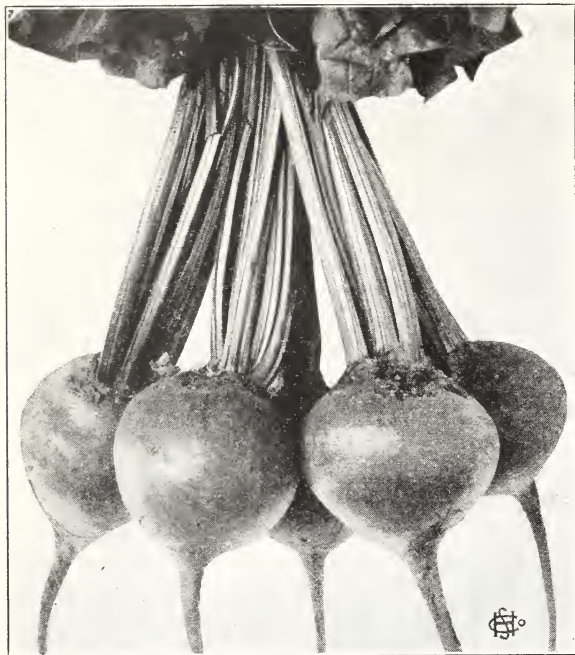
**EARLY LEVIATHAN.** This is the earliest of the pole Limas, and is a heavy cropper. The flat pods are borne in clusters. The Beans are thick, meaty, and of good flavor. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.

QUANTITIES OVER TEN POUNDS NOT PREPAID.



Holmes' Green Prolific Pole Lima Bean.





Holmes' Fireball Beets.

### Holmes' "Green Top" Blood Beet

(Introduced by H. L. Holmes)

In Quality It Stands Alone

Whoever saw an absolutely light green-top Beet with pure blood-red root? It is one of the most tender of Beets, of delicious flavor and is absolutely unsurpassed for quality by any Beet we know of. This grand, new main crop Beet —**Holmes' Green-Top Blood**—has a tapering root. The flesh is a handsome dark red, sweet and tender at all stages of growth regardless of size. The hard, stringy, wooden-like fiber so common with all other varieties, is entirely absent in **Holmes' Green-Top Blood Beet**, which will keep tender all Winter. Market gardeners who plant it will find it outsells all others. By buying this year, you can control your market and make big profits. The keeping quality of **Holmes' Green-Top Blood Beet** has no equal. We would advise our customers who want this fine Beet to order early, as our stock of seed is limited. **Pkt., 15c; oz., 35c; ¼ lb., 95c; 1b., \$2.50; 2 lbs., \$4.70; 5 lbs., \$11.00.**

### Detroit Dark Red (SELECTED)

This variety is of exceptionally fine quality and attractiveness, and takes with market gardeners for market purposes. The root is almost globe-shaped, smooth and tapering slightly. The flesh is a deep vermilion-red, crisp and sweet. Leaves are green with dark red veins and stems. **Pkt., 10c; oz., 15c; ¼ lb., 35c; 1b., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25; 10 lbs., \$9.35, postpaid.**

### Crosby's Egyptian

This variety is extremely early and is a good one to use for forcing, having a small top of green leaves tinged with brown. The plants grow rapidly and the roots are quick to attain size. They are round but slightly flattened at the top, smooth and run of uniform size. **Pkt., 10c; oz., 15c; ¼ lb., 35c; 1b., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25; 10 lbs., \$9.35, postpaid.**

### Eclipse

This variety is extremely early, of small size, but grows very rapidly. It is round, smooth, deep red and of fine quality, and has a scant top, with brown-red foliage. **Pkt., 5c; oz., 15c; ¼ lb., 35c; 1b., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25; 10 lbs., \$9.35, postpaid.**

Detroit Dark  
Red Beet.

# Garden Beets

One ounce will sow 50 feet of row; 7 pounds per acre.

The best soil is a light sandy loam, having been previously enriched with well-rotted manure. If the Beets are wanted extremely early, sow in hotbeds and transplant, cutting off the outer leaves. For early use, sow in rows at intervals of two weeks from the time the ground is fit to work in the Spring up to July. The rows should be 12 inches apart and the seed sown thinly and covered firmly with one inch of soil. When the plants attain three or four leaves, thin them out to stand 3 or 4 inches apart in the row.

### Holmes' Fireball

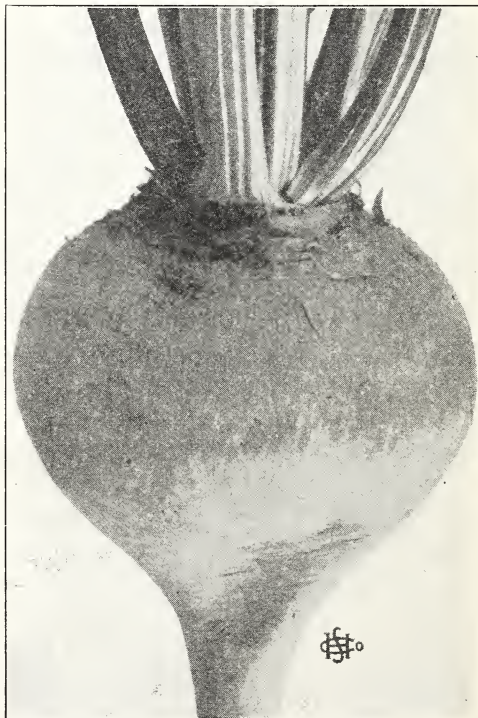
A Specially Selected Strain—None Better.

An Early Maturing Beet. The Finest Shaped Beet in the World. The Deepest Black Blood-Red of all Beets. Has No Equal for Table Use.

This fine Holmes' introduction is the deepest black blood-red Beet. It is remarkable for its uniform shape, deep colored flesh and fine flavor. **None better.** With gardeners it is very popular. **Holmes' Fireball** is a perfect globe shape, the leaves are small, roots are free from any woody fiber, skin and flesh are of an unusually black blood-red, and this color is retained when cooked, making the Beets most attractive for both canning and pickling. Very early, roots quickly being crisp, tender and sweet at all stages of growth. A most excellent sort to grow for second crop succession plantings and for late planting for Winter use. You will be well repaid when you sow **Holmes' Fireball. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1b., \$1.50; 2 lbs., \$2.75; 5 lbs., \$6.35; 10 lbs., \$11.25.**

### Early Wonder

This Beet keeps remarkably well, and is suitable for either Spring or Fall sowing. Early Wonder matures two weeks earlier than any other marketable Beet, and one of its good points is that entire fields can be harvested at one time because all the roots mature at the same time. The roots are globe-shaped and uniform in size, the tops are small; the skin is deep red and the flesh a very dark red. This variety is now in great demand and we advise early orders. **Pkt., 10c; oz., 15c; ¼ lb., 35c; 1b., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25; 10 lbs., \$9.35, postpaid.**



Holmes' "Green Top" Blood Beet.

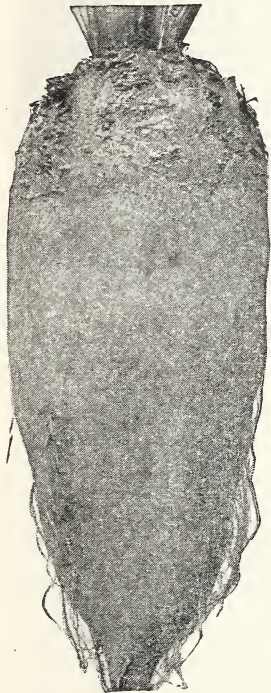


# Mangel-Wurzel, Stock Beets

One ounce of seed sows 100 feet of drill; 5 lbs. per acre.

Dairy farmers should grow more of these for their cows. They make the best kind of Winter feed, cost little and make more rich milk than almost any other feed. Fattening, breeding, and milch cattle do equally well on them. About one-fourth of the daily rations should be of roots. They are also excellent feed for poultry.

**MAMMOTH LONG RED.** Very large; red flesh. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40.



Mangel Wurzel.

**GOLDEN TANKARD.** Flesh yellow. (Makes the milk look like cream). Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40.

**DANISH SLUDSTRUP.** Reddish yellow; very large and of excellent quality for stock feeding. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$2.70.

## Swiss Chard

**LUCULLUS.** A delicious variety having pale green leaves which are remarkably crimped and curled, like savoy cabbage. The stiff ribbed chards are white and broad but not so broad as the common variety, although equally fine in flavor. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.20; 10 lbs., \$7.45.



Lucullus  
Swiss Chard

## Carrots

One ounce will sow 100 feet of row; 3 lbs. per acre.

Carrots give satisfactory results when sown in any good garden soil, if thoroughly and deeply worked; a sandy loam, well manured, is the most desirable. For early crop, sow as early as the ground can be worked and for later crops, in the latitude of Canton, sow up to about June 15th. It is best for garden culture to sow in rows 12 to 14 inches apart; cover with about ½ inch of soil. As soon as plants appear, use cultivator or wheel hoe. When of sufficient size, thin out the plants to stand two to three inches between plants.

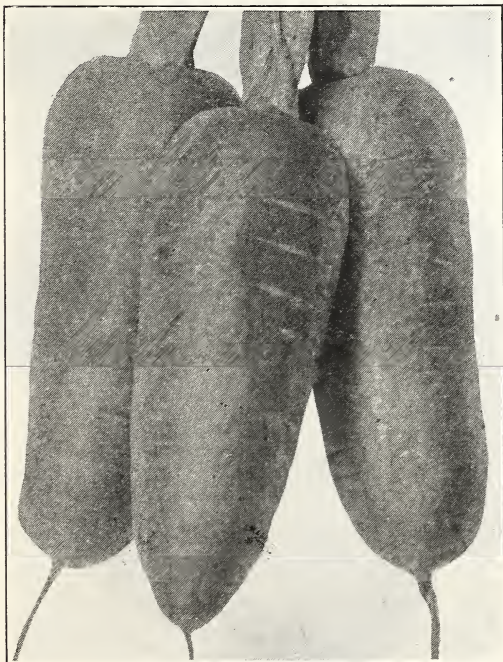
**CHANTENAY HALF-LONG.** Our strain is specially selected and produces fine, uniform roots. A medium early, half-long, smooth, blunt-rooted sort of deep orange-red color and delicate flavor. As it has a small top, it is very popular for bunching and for frame use, allowing close planting. Shaped broadest at shoulder, tapering toward base and running suddenly to a point; the root averages 6 inches in length. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.

**DANVERS HALF-LONG.** This sort is slightly longer than Chantenay, growing 7 to 8 inches long; is square shouldered, tapering gradually to a blunt point. The root is smooth and handsome, of an orange-red color, with sweet, crisp flesh. For main planting it has no superior, and when sown during June it produces the best roots to store for winter. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.

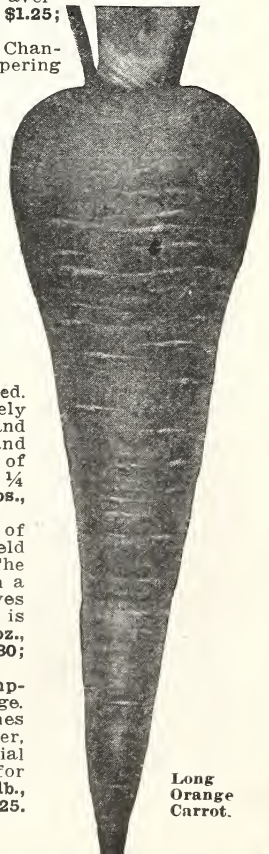
**CORELESS.** Is by far the earliest of its type, but its earliness does not affect in any way its size or quality. It is a half-long, cylindrical, blunt-pointed variety, with a very small tap root and small, fine top. The shape and size are extremely uniform, averaging 6 to 7 inches in length and 1½ inches in diameter, clean-skinned, smooth, and easily pulled. The flesh is very fine-grained, absolutely without any woody heart or core, and entirely free from stringiness and coarseness. The red-orange flesh is of the finest flavor. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$2.00; 2 lbs., \$3.70; 5 lbs., \$8.70.

**LONG ORANGE.** This long variety of very good quality, is used both for field and garden culture in deep soils. The root grows 1 foot long, tapering from a 3-inch shoulder to a point. The leaves are strong and numerous. The flesh is of a deep orange color. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$1.80; 5 lbs., \$4.20.

**OXHEART or GUERANDE.** A stump-rooted sort with light, scant foliage. Root is 5 inches long and 3 to 4 inches in diameter, bright orange-red, tender, and sweet. When grown in substantial soil, this is one of the best varieties for the table. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.



Chantenay Half-Long Carrots.



Long  
Orange  
Carrot.



# Cabbage

One ounce of seed produces about 2500 plants; 4 ounces enough plants to set an acre.

Cabbage requires deep, rich, mellow soil, high manuring, and good culture to obtain fine, solid heads. For early use, sow seeds of the early kinds in the hotbeds or in a box in the house the last of January or early in February; transplant into the open ground in April in rows 2 feet apart and 1½ feet apart in the row; or sow a bed of seed outside as soon as the soil can be worked; transplant in about four weeks. For second early Cabbage, sow in April and transplant in May. For late Cabbage, sow in May and transplant in July in rows 3 feet apart and 2 feet apart in the row. In transplanting, it is important that plant be set down to the first leaf, so that the stem may not be injured in case of frost. Be careful not to cover the heart of the plant. Hoe every week and stir soil deep. As they advance in growth, draw a little earth to the plants until they begin to head. To prevent splitting or bursting, go frequently over the ground and push every Cabbage that appears about to mature over sideways, which will break some of the roots and check its growth.

Golden Acre  
Cabbage.

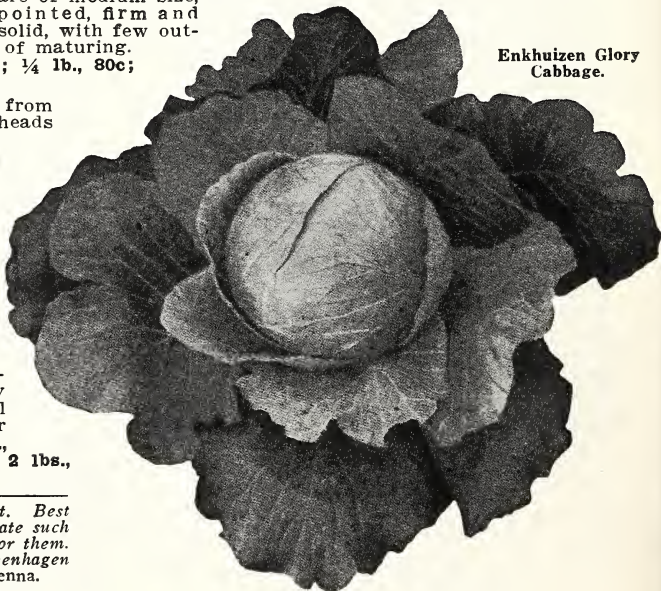


side leaves, remarkably uniform in size and time of maturing. Quality excellent. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 80c; 1 lb., \$2.75; 2 lbs., \$5.00.**

**LARGE CHARLESTON WAKEFIELD.** A selection from the preceding, maturing about 10 days later. The heads are considerably larger, oblong and pointed. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50; 2 lbs., \$5.00.**

**WINNIGSTADT.** A splendid second-early, pointed-headed variety. The heads are of medium size, sharply pointed and very hard. Winnigstadt is considered by many to be the finest flavored Cabbage in cultivation. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50; 2 lbs., \$4.40.**

**Enkhuizen Glory** The round heads are very solid, of medium size (weighing from 6 to 8 pounds trimmed), and of fine flavor. They keep well when put away, and consequently Enkhuizen Glory is valuable also for sowing later in the season for early Winter use. Plants set out in midsummer will produce fine large heads of just the right size for Winter storing. Remarkably uniform heads. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; 1 lb., \$2.75; 2 lbs., \$5.00; 5 lbs., \$12.25.**



Enkhuizen Glory  
Cabbage.



Copenhagen Market Cabbage.

## Copenhagen Market Extra Early, Very Solid, and an Immense Yields.

We consider this the most valuable early Cabbage, producing round, hard heads, with small core, weighing 4 to 6 pounds each. It is unsurpassed for market and home use, coming on the market with Jersey Wakefield, and giving a heavier yield than that popular Cabbage. Large growers of Cabbage are enthusiastic about it on account of its extreme earliness and excellent quality. The plants are short-stemmed and can be planted close in the row, as the leaf growth is compact. This seed comes direct to us from the originator in Denmark. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; 1 lb., \$4.00; 2 lbs., \$7.00; 5 lbs., \$17.00, postpaid.**

## Golden Acre One of the Finest Early Cabbages Grown.

Golden Acre Cabbage is a new early round-headed variety. It can be truthfully said that it will remain on the field for a long time without bursting or bolting to seed. The regularity in shape and size of Golden Acre when seen growing in a large field is very noticeable, and is a delight to the eye and will also be appreciated by the gardener who has to produce Cabbage for the table at an early date. **Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.10; 1 lb., \$7.00; 2 lbs., \$13.00; 5 lbs., \$31.00.**

**EXTRA EARLY JERSEY WAKEFIELD.** One of the leading early Cabbages, equally popular for home use and market, maturing perfect heads in from 100 to 110 days from sowing. The heads are of medium size, pointed, firm and solid, with few out-

Your Holmes' Emperor Celery is all that you claim for it. Best flavored celery I ever ate. My friends say that they never ate such good celery before, so I am sending for two extra packets for them. Also your Everbearing Tomato, Fireball Beet, and Copenhagen Market Cabbage are just fine.—MRS. RALPH FORBES, Penna.





Holmes-Houser Cabbage.

**SUREHEAD.** In this variety we have a certain leader of the main-crop Cabbages of its type. It is extremely popular with the market gardener, owing to its remarkable surety to head. These weigh from 10 to 15 pounds each, are uniform, hardy, fine in texture, of a large, round, flattened shape, sweetly flavored, and with few loose leaves. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

**DANISH BALLHEAD (Tall Stem).** The most popular Cabbage for Winter because of its great solidity and excellent keeping qualities. The magnificent heads are round, very hard, and solid; they keep in finest condition through the Winter. Our special Danish grown strain has a reputation for uniformity of shape, size, color and high yield. We recommend this very highly. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; lb., \$3.00; 2 lbs., \$5.50; 5 lbs., \$13.50.**

**DANISH ROUNDHEAD (Short Stem Ballhead).** An early, short-stemmed type of the well known and much prized Danish Ballhead Cabbage. Danish Roundhead has less outer foliage and is still more blight resistant. The heads are unusually solid and heavy. They are perfectly round and exceptionally fine Winter keepers. Very productive and of excellent quality. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; lb., \$3.00; 2 lbs., \$5.50; 5 lbs., \$13.50.**

**WISCONSIN HOLLANDER.** This variety has been bred for resistance to the Cabbage Yellows and is valuable where the Cabbage crop is likely to suffer from disease. The heads are large, spreading, and have a remarkably solid heart. We have a fine strain of this. **Pkt., 15c; oz., 45c; ¼ lb., \$1.35; ½ lb., \$2.45; lb., \$4.50.**

**ALLHEAD.** Very large, flat, solid heads; second early. **Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., 95c; lb., \$2.75.**

**SUCCESSION.** An ideal second-early roundhead; heads average 10 to 12 pounds and measure from 30 to 35 inches in circumference. Fine for second early or late. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 80c; lb., \$2.50.**

**EARLY SUMMER.** A second early, large heading Cabbage; an excellent keeper; does not burst readily. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 80c; lb., \$2.50.**

**DRUMHEAD SAVOY.** The heads are solid, leaves curled and crimped. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 80c; lb., \$2.75.**

**MAMMOTH ROCK RED.** A very select strain with large, solid, somewhat flattened heads. The favorite Cabbage for pickling. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; lb., \$2.75.**



Penn State Cabbage.

**Holmes-Houser Latest Cabbage of Them All.** Introduced by H. L. Holmes in 1897. It was noted then, as well as now, as the latest hard heading, smallest heart, late-keeping Cabbage grown. Its wonderful quality, extremely small heart, and fine ribs are features not found in any other Cabbage. **Holmes-Houser** is solid, weighing 10 to 12 pounds at maturity. The shape is round and deep, developing a very slight oval shape at the top (see illustration). In solidity it is as hard as the Danish Ballhead, compact in habit of growth, the leaves overlapping the head, and when it cracks or bursts, it is always on the stem end which does not destroy its use for market. **Holmes-Houser** leads all other sorts as to keeping qualities, color and shape. It is a strong, vigorous grower, with ability to withstand drought better than most sorts. It sells well on the markets. We advise setting the plants out a couple weeks ahead of any other late sort, as it requires this much longer to mature. If you grow this sort once, you will never be without **Holmes-Houser**. We have never had enough seed to supply the demand. **Originator's Stock Seed.** Crop short. **Pkt., 20c; ½ oz., 50c; oz., \$1.00; ¼ lb., \$3.00.**

**Penn State Ballhead** This strain is the result of the most patient and careful selective breeding carried on by Prof. C. E. Myers, at the Pennsylvania Agricultural Experiment Station, since 1912. The stem is short, and the outer head leaves frequently become tinged with purple as the plants mature. When grown on soil of average fertility, the heads weigh from 4 to 6 pounds. They are extremely solid and firm, and their keeping qualities are unequalled. This variety is exceptionally valuable because of its resistance to Blackleg. Our seed was grown from original stock, furnished by the Pennsylvania Experiment Station. As the seed crop of this variety is very short, we advise ordering early. **Pkt., 20c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.50; lb., \$8.00.**

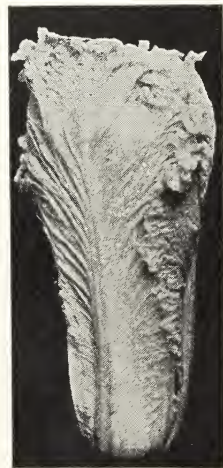
**PREMIUM FLAT DUTCH.** This has been a favorite in many Cabbage growing sections as a late Fall or Winter variety, making large and much flattened heads of remarkable solidity. They keep well throughout the Winter. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50; 2 lbs., \$4.65, postpaid.**

**Chinese Cabbage** We advise that the seed be sown in July or August (not earlier) because Chinese Cabbage has a tendency to bolt to seed in warm weather. Either start in frames and transplant, or, better still, simply sow where the plants are to remain in rows 2½ feet apart, thinning to from 12 to 18 inches apart in the row. This is now commonly seen on the markets and has met with great success. We are very enthusiastic about this Chinese Cabbage and strongly advise that you include this when planting your garden for this year. It is very easily grown and takes very little space.

**CHIHILI.** This new strain forms tall, thin, pointed heads, much heavier and taller than Wong Bok, and very solid; most sure to head. Length of head is about 18 to 20 inches, diameter 4 inches. Outer leaves bluish green, while the inside is creamy white. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.40; lb., \$5.00.**

**WONG BOK.** This is the original Chinese grown strain, producing a heavier and more solid head than the Pe-Tsai variety. Has a deliciously mild cabbage flavor, and the pale green, closely wrapped leaves blanch to almost pure white. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 85c; lb., \$2.75; 2 lbs., \$4.90.**

If Cabbage Seed is wanted in larger quantities than quoted herein, ask for our Wholesale Prices.



Chinese Cabbage, Chihili.



# Cauliflower

One ounce will give from 1000 to 1500 good strong plants.

Cauliflower is grown in the same manner as cabbage, usually as a late Fall crop, but when started early in the Spring, excellent heads of the early dwarf varieties can be grown even in warmer sections. To make the best and largest heads, the plants need cool moist weather, well enriched soil and thorough cultivation. Cauliflower is highly esteemed for its mild, delicate flavor and the extreme tenderness of the solid white heads. For an early crop start the seed indoors and set in the open about the end of April. For a main or Fall crop, seed should be sown from June 1st to July 1st, and the young plants set out during the latter part of July. In this locality the early dwarf varieties, such as Snowball, give best results also for the Fall crop. Farther south the large late sorts are satisfactory for late or Winter heading.

**HOLMES' SNOWBALL.** After exhaustive tests, **Holmes' Snowball** has proven to be thoroughly established and we believe it would pay you to give it a trial, not only because we know it to be a fine sort, but because we know what crops have been produced from it. Our opinion is based on many years' experience and from results obtained by gardeners in the Cauliflower-producing sections. **Holmes' Snowball** is for outdoor culture on account of its earliness, vigorous growth, handsome appearance, and high quality. We advise you not to delay in placing your order. **Pkt., 25c; ¼ oz., 75c; oz., \$2.50; ¼ lb., \$8.00; lb., \$28.00.**



Holmes' Snowball Cauliflower.

**DRY WEATHER or DANISH GIANT.** A second-early sort adapted for growing in the open ground in localities which are subject to long, dry seasons. The heads are of medium to large size, pure white, and of fine quality. **Pkt., 25c; ¼ oz., 75c; oz., \$2.50; ¼ lb., \$8.00; lb., \$28.00.**

**EARLY DWARF ERFURT.** We recommend this for very early outdoor crop in Spring, or for sowing in May for Fall crop. The plant is vigorous and makes a strong, sturdy, dwarf, compact frame—a sure indication of sound, large heads. **Pkt., 15c; ¼ oz., 65c; oz., \$2.00; ¼ lb., \$7.00; lb., \$25.00.**

**HOLMES' SUPER SNOWBALL.** We wish to point out that its outstanding qualities are earliness and evenness in heading. It is a real marvel in these respects. In trials during the past two seasons, it has headed from two to three weeks sooner than the earliest stocks with which we are acquainted, and so uniform throughout the field that nothing like it has been seen before. Moreover, the heads are large, deep and solid, and the foliage is strong and vigorous, forming a good protection. Market growers have been looking for a Cauliflower with these very characteristics for years. They have wanted this type of stock for early marketing, and, where the usual planting time is often unfavorable, for late marketing as well, as the planting could be deferred two or three weeks. This variety is in a class by itself, as its qualities are most extraordinary and remarkable. It excels anything seen in Cauliflower before. **Pkt., 35c; ¼ oz., \$1.75; ½ oz., \$3.00; oz., \$5.00.**

## Chicory

One ounce will plant 100 feet of drill; 4 pounds will plant an acre.

**LARGE-ROOTED or COFFEE.** The soil should be light and rich. Sow seed about May 1st in rows 2 to 2½ feet apart. Cover firmly with ½ inch of soil. Thin to 6 inches apart and cultivate well. The roots will be ready to dig in the Fall and when dried are used as an adulterant for coffee. Plant grows large leaves and thick stalks. The young leaves sprouted from one-year-old roots are excellent as a salad. **Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.**

**WITLOOF CHICORY or FRENCH ENDIVE** is used principally as a Winter salad. Sow seed in the open ground. The roots are lifted in the Fall, and stored in a cool place until wanted for forcing. They can be forced in any warm cellar. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

## Corn Salad

Two to three ounces will sow 100 feet of row.

**BROAD-LEAVED.** Hardy little plants, forming rosettes of tender, edible leaves and used as a substitute for lettuce. Grown for late Fall, Winter and Spring use. Sow during August and September, in rows one foot apart. Cover with one-half inch of fine pulverized soil, pressed firmly to insure good germination. Thin plants to 6 inches apart in the row. **Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

## Cress

One ounce will sow 100 feet of drill; 12 pounds will sow an acre.

**EXTRA CURLED (Pepper Grass).** Crisp, pungent leaves; finely cut, dwarf, and compact. Used for garnishing. **Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 85c.**

**WATER.** Thrives best along running water. **Pkt., 10c; oz., 40c; ¼ lb., \$1.40; lb., \$5.00.**



Georgia Collards.



Witloof Chicory.

## Collards

**GEORGIA.** Cultivation same as Cabbage, of which it is really a tall, loose-leaved form. Grows 3 feet high, forming a cluster of undulated leaves at the top of its long stem. **Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.00.**



Water Cress.





Golden Self-Blanching Celery.

## Celery

One ounce will produce about 5,000 plants;  $\frac{1}{4}$  lb. for an acre.

To have matured Celery early in the summer, sow seeds of the early varieties under glass in February; set the plants out in May. Celery seed is by no means so easy to grow as most other seeds. For Fall and Winter crops, sow the seed in April or May, depending on the condition of the soil. To get Celery seed to germinate and give you a good stand of strong plants, you must have the soil worked deep, very fine and loose, moist and warm. Sow the seed in rows a foot apart for hand cultivation. Keep moist; prevent soil from becoming dry or "crusted." In June set out the plants six inches apart in the rows, having the soil prepared. Make the rows two to three feet apart, depending on the amount you are growing and whether for hand or horse cultivation. Blanching is done by banking up the earth around the plants gradually until within a few inches of the top.

### Holmes' Emperor Celery

(Introduced by H. L. Holmes in 1912.)

Growing in Popular Favor by Leaps and Bounds.

This Celery is emphatically distinct from all other sorts. Excels all others, being the largest, most solid, and finest nut-flavored Celery grown. This marvelous Celery was named and introduced by HARRY L. HOLMES in 1912. It was found growing in a field of Golden, was then planted in a plot by itself, selected and bred for several years until the type was fully established. It has already taken the lead among late celery and has a world-wide reputation. The original stock has been improved under our watchful care and it is today as near perfection as Nature can make it. **Holmes' Emperor** Celery is superior in that it is free from the stringiness common to other sorts. The tops are dark green, while the outer stalks blanch a beautiful white with rich yellow heart. The plants are dwarf and therefore much easier to blanch than the taller-growing varieties. In size it averages from sixteen to eighteen inches in height, while the blanched part is seven to ten inches long. Stalks are smooth, almost perfectly round, exceptionally thick, very brittle, with that wonderfully rich, crisp, nut flavor. It is very resistant to disease. There are three points in its favor, any one of which would make it noteworthy: 1st. It retains the flavor which, even in the green state, is as fine as when blanched. 2nd. It is perfectly solid and free from the hollowness so often found in many varieties. 3rd. The thick stalks are extremely brittle, without strings. Once grown by market gardeners or home gardeners, it is always sure of a large place in future plantings. **Holmes' Emperor** has been grown by the largest growers of Celery in America as well as in Europe, who have pronounced it the finest nut-flavored and best-keeping sort of outstanding merit. It commands a higher price on the market due entirely to its wonderful flavor and brittleness. You cannot afford to be without **Holmes' Emperor**. It is simply delicious. **Pkt.**, 15c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00;  $\frac{1}{4}$  lb., \$2.75; lb., \$10.00.

#### GOLDEN SELF-BLANCHING or PARIS GOLDEN (Proven Stock).

**Finest French-grown seed.** This variety, of French origin, is now one of the most extensively grown sorts. The larger growers insist upon having only French-grown seed even though it costs double the price. We offer two strains of this variety as follows:

**Dwarf Strain.** Stalks of dwarf, compact growth, thick, crisp and brittle; hearts large and solid. We handle originator's seed only.

**Tall Strain.** Retains all the characteristics of the dwarf variety, but is stronger and firmer, with taller stalks. It grows heavier and taller, and more rapidly, and as it requires more space, should not be planted as close as the dwarf strain. It is, therefore, a better Celery for early use. It is more vigorous and resists the attacks of blight and stands adverse weather much better. Our seed is grown in France by the originator. **Price, Dwarf or Tall Strain:** **Pkt.**, 15c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00;  $\frac{1}{4}$  lb., \$3.25; lb., \$12.00.

Our Celery seed is of that high standard of quality required for high-class trade, and means the highest prices to the gardeners who use it.



Holmes' Emperor Celery.



**Golden Plume** For the tenth time a winner at the Celery King Contest. This Celery closely resembles the old Golden Self-Blanching variety in quality, being exceedingly crisp and of fine flavor. It has completely captured the Early Golden market because of its fine full-hearted appearance, and appeals to the grower because of the ease with which it blanches. It has proved a gold mine on the early Celery market for the past two years, coming a week ahead of Golden Self-Blanching. Its attractive appearance is a delight to the eye, and its delicious flavor a treat to the palate. It is of easy culture, and very resistant to blight. The leaves are creamy yellow, and the stalks almost pure white. It is without coarse fiber, being brittle and tender. Sometimes called Wonderful. Its large size and pleasing color make it a very profitable Celery for the market gardener. Infinite care has been taken in the production and selection of the seed we offer, and you may rely fully upon this strain. **Pkt., 15c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.25; lb., \$12.00.**

**EASY BLANCHING.** This variety shows great vigor of growth, is noted for its ability to blanch quickly, and is completely resistant to Celery "sickness," heart rot, and blight. The stalks being longer and the foliage thick and compact, it bleaches much higher than most other sorts and the bunches trim up with less waste. There is a growing demand for this Celery in the Fall just as it comes from the field without any bleaching. **Easy Blanching** grows rapidly, and produces large, thick, fleshy stalks, very brittle, crisp and of fine flavor. **Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.00; lb., \$7.50.**

**COLUMBIA.** In a general way it very much resembles Giant Pascal, the stalks being thick and almost round, and in quality it is excellent. The leaves are a most attractive light green tinged with yellow, and the stalks when blanched

are a beautiful golden yellow. In maturity it is slightly later than Golden Self-Blanching. Columbia is one of the most desirable sorts for the table. Our stock is grown for us by the introducer, and can be relied upon. **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.25; lb., \$5.00.**

**MEISCH'S SPECIAL CELERY.** This strain of Celery was originated by Mr. Sebastian Meisch, who spent many years in bringing it to its present state of perfection. It matures early, and is of a most wonderful golden color, of fine flavor, crisp and tender. It is very resistant to blight and heart-rot, and because of its very attractive appearance sells readily on the markets. Be sure to get our genuine strain. **Pkt., 25c; ½ oz., \$1.50; oz., \$2.50; ¼ lb., \$9.50; lb., \$35.00.**

**GIANT PASCAL.** This variety we consider to have the most delightful table quality. It may be classed as a Winter Celery. Its medium height stalks are very thick, the upper portion being rounded. It blanches to a beautiful light yellow color, is very solid and crisp. We believe that our strain is a definite improvement over the original type, and we highly recommend it to all Celery growers. **Price delivered, pkt., 10c; oz., 35c; ¼ lb., \$1.25; lb., \$5.00.**

**WHITE PLUME.** The earliest and most easily blanched, but does not keep well, so that it is grown exclusively for late Summer and Fall use. Attractive light green foliage and pure white stalks. Crisp and delicious. It is a popular variety for early market and usually commands a good price. **Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.**

**WINTER QUEEN.** This is one of the finest dwarf Winter Celeries, being quite similar to the Golden Self-Blanching in height and habit, but with leaves of a rich green color and resembling in this respect the Giant Pascal. It is more easily blanched than the latter because of its compact growth and is ready for use or market much earlier in the Fall. The plants make large bunches of extra heavy stalks with very large hearts; the stalks are all of even length. **Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.**

## Celeriac

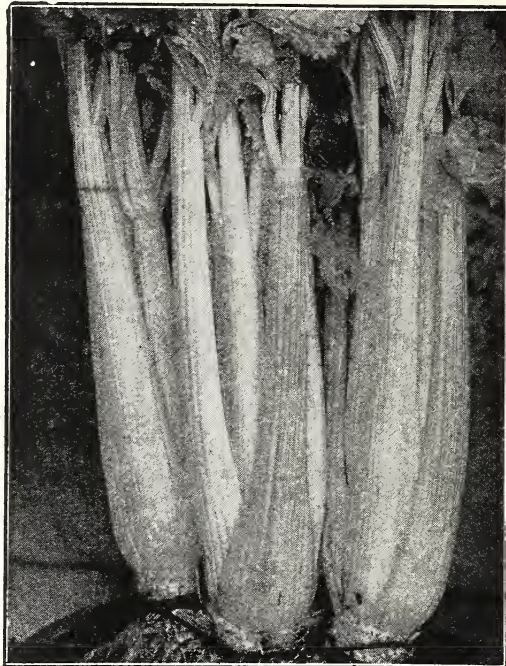
(Turnip-Rooted Celery).

It is used for flavoring and is in wide demand. Culture is the same as celery. As the roots are the edible portion, it requires no hilling. **Pkt., 10c; ½ oz., 15c; oz., 25c;**

**Easy Blanching Celery. ¼ lb., 75c; lb., \$2.50.**

## Garden Guide

A complete handbook for the amateur gardener. It covers every step from spading, fertilizing, planting and caring for the vegetable, flower and fruit garden. If followed, will enable any amateur to become a successful gardener. **\$1.65, postpaid.**



Golden Plume Celery.



Celeriac.



# Sugar or Sweet Corn

One pound will plant about 200 hills; 12 pounds to the acre.

Average garden soil is very satisfactory. Sow after the ground becomes warm; first planting may generally be made about May 15th in the latitude of Canton. Continue successive plantings every two or three weeks until the end of July. Plant one inch deep in hills, 3 feet apart each way, dropping six kernels to each hill. Thin to 3 plants per hill. With large varieties make hills 4 feet apart each way. Sweet Corn may also be sown in rows 3 feet apart and thinned so that the plants will stand 10 inches apart in the row. Hoe frequently, keeping free from weeds, and draw soil up to the stem; break off all side shoots.

**HOLMES' PREMO.** (Introduced by H. L. Holmes). Ready for the table in 60 days. Can be planted fully as early as the Adams. The young plants stand light frosts, where the other varieties are tender, and the seed will not rot when planted before the soil becomes warm. The stalks grow about 5 feet high, and bear two uniformly sized, finely appearing ears, 7 to 9 inches long, 10 to 12 rows. Of the best quality, and ears are filled to the very tip. Pkt., 10c; ½ lb., 25c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$18.00.

**ALPHA. The Earliest Sweet Corn.** Alpha, for the past few years has proved the earliest by three to five days. The ears are 5 to 6 inches long with eight rows of large white kernels and have a white cob. The stalks are only 4 to 5 feet high. Owing to its extreme earliness the Alpha has proved a profitable Corn for the market grower. With this variety it is perfectly possible to get Corn on the market four days to a week earlier than any one else and get the high prices that are always paid for the first Corn. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$18.00.

**GOLDEN BANTAM.** This is a very early Sweet Corn; deep yellow in color. The delicious yellow kernels are so tender that they do not need scoring or cutting across the grain; the flavor is also distinct, being almost as sweet as honey. Can be planted thickly, each and every stalk has from 2 to 3 perfect ears about 6 inches long. Matures in 60 days. Most popular sort for the home garden. Pkt., 10c; ½ lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.50; 100 lbs., \$16.00.

**BARDEN'S WONDER BANTAM.** Mr. Barden, the originator, undertook to develop an extra-early Sweet Corn having all the good qualities of Golden Bantam, just as early, but with a much larger ear. He began a few years ago by crossing Early Wonder and Golden Bantam, and, after years of careful crossing and selection, developed this splendid Corn, Barden's Wonder Bantam. The ears are 8 to 10 inches long, filled with 8 rows of rich golden colored kernels, with the same delicious flavor as Golden Bantam. It is a variety that every market and home gardener should grow. We recommend it highly. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.

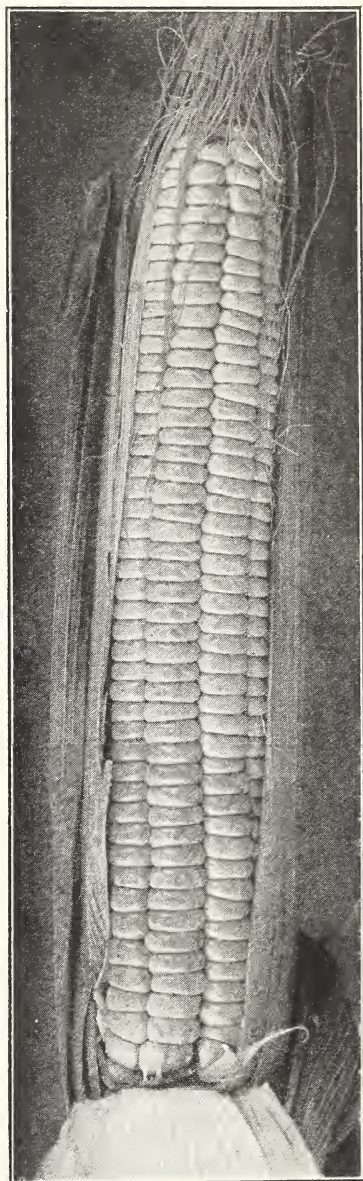
**WHIPPLE'S EARLY WHITE.** Of the narrow grained Evergreen type, but ready for use much earlier. Ears 8 to 9 inches long, 16 to 18 rows of pearly white grains. The chief distinction of this variety is that it is by far the earliest of the narrow-grained Evergreen types and has a larger sugar content. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.

**DE LUE'S GOLDEN GIANT.** An 8-inch yellow-eared Sweet Corn maturing two weeks after Golden Bantam. It is 12- to 16-rowed and heavy. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 50c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.

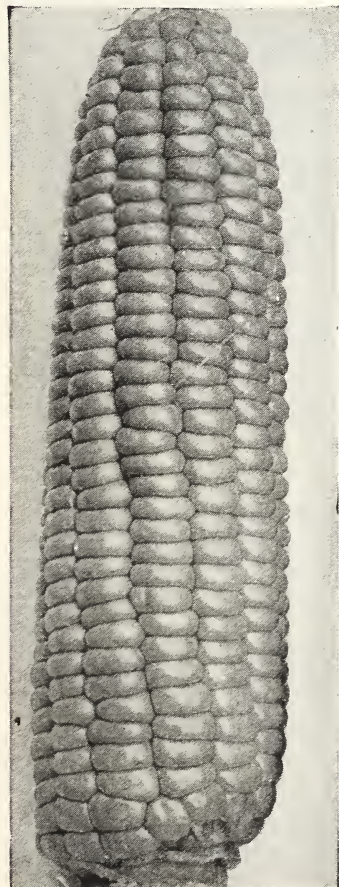
**MAMMOTH WHITE CORY.** An extra-early, large-eared variety. Ears 12-rowed, 7 inches long, fairly sweet, tender and white. Stalks about 4 feet high, usually two ears on each stalk. Pkt., 10c; ½ lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.50; 100 lbs., \$16.00.

**HOLMES' SWEETHEART.** (Introduced by H. L. Holmes). Delicious flavor; ears 7 to 9 inches, 12 rows. This is one of the most valuable Sweet Corns offered in many years. The ears measure 7 to 9 inches in length, symmetrical in shape with twelve even rows of broad and very deep grains covering the small white cob from heel to tip. Holmes' Sweetheart is the outcome of a selection from both the Evergreen and Country Gentleman, and then crossed again with a variety which was obtained from a garden specialist, which he named "French Honey," retaining the sweetness of the latter and the depth and breadth of the grain from the former varieties. It is a main crop, coming in two weeks earlier than the Evergreen. The stalks average in size from 7 to 9 feet. This depends largely on the soil where planted. It is a full cropper, thrifty, hardy and prolific. Try it this season, you will want more another year. Pkt., 15c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00; 10 lbs., \$3.75, postpaid.

**PLEASE NOTICE.** If you want quantities of Corn, write us for special prices, stating quantities wanted. Quantities over ten pounds not prepaid.



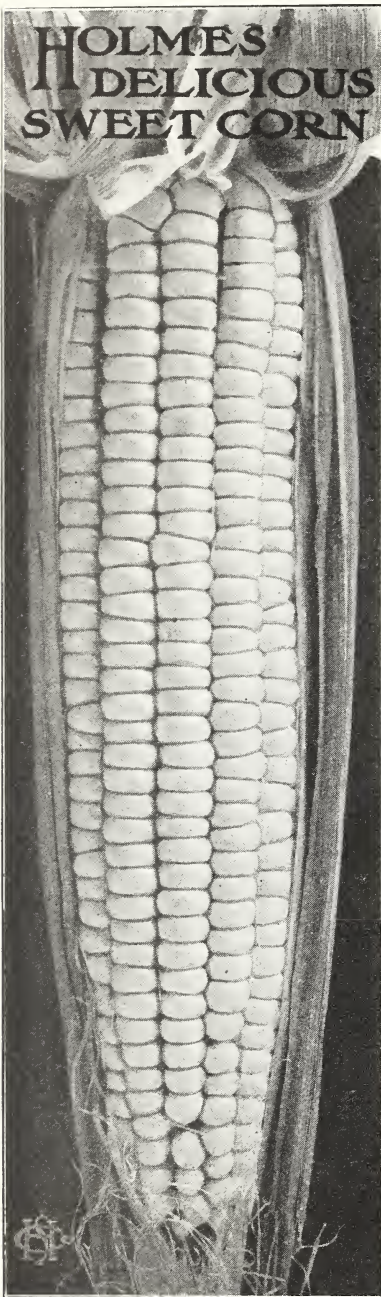
Barden's Wonder Bantam.



Holmes' Premo.



# HOLMES' DELICIOUS SWEET CORN



**HOLMES' DELICIOUS** can be planted early with the hardy Corns; it will stand the cold, wet ground better than other sorts. **Holmes' Delicious** will produce ears 7 to 9 inches long, fourteen rows of broad, deep grains of most delicious flavor. If you want a Corn to come in early and have the size of the Evergreen, and sell at sight on the market, then plant **Holmes' Delicious**. Pkt., 15c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$20.00.

**SUNSHINE**. The earliest of the Golden Bantam type, maturing a week to ten days earlier than that variety. More dwarf in habit than Bantam, with ears 6½ inches long, containing 12 rows of broad, yellow, sweet grains. Especially desirable for its extreme earliness. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$6.50; 100 lbs., \$25.00.

**WHIPPLE'S EARLY YELLOW**. A remarkable new yellow Sweet Corn of much merit. The stalks grow 6 feet or more in height and the 14-rowed ears are 7 to 8 inches in length. The kernels are broad, deep and of excellent quality. Few days later than Bantam. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.

**HOWLING MOB**. Large-eared early Sweet Corn. This excellent Sweet Corn originated in North-western Ohio. Ready to use within a few days after Golden Bantam when both are planted at the same time. Ears measure 7 to 9 inches, with 12 to 14 rows of good size. Howling Mob is a strong growing and sturdy sort, usually carrying two ears to a stalk. It is very productive and without question one of the earliest white Sweet Corns of really high quality. It is grown extensively on a large scale for every market, and it should be included in every home garden, since it is easily grown; yields a fine crop. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.

**EARLY EVERGREEN**. This excellent variety resembles Stowell's Evergreen, but matures about ten days earlier. Pkt., 10c; ½ lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.50; 100 lbs., \$16.00.

**BLACK MEXICAN**. One of the sweetest and best; ears 8 inches long and 8-rowed. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.

**BANTAM EVERGREEN or IMPROVED BANTAM**. A cross between Golden Bantam and Evergreen, and a most excellent sort of fine quality. Ears 8 inches long, 12 to 14 rowed; grains rather broad and deep, of a rich golden yellow color. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.

**COUNTRY GENTLEMAN** (Shoe Peg). An especially fine quality Corn. Ears 7 to 8 inches long, cob small, white and densely covered with long, slender, white grains, without row formation. Pkt., 10c; ½ lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.50; 100 lbs., \$16.00.

**MAMMOTH SUGAR** (Late Mammoth). The largest eared variety of Sweet Corn. Ears often 12 inches long and 16 to 18 rowed, sweet, tender and delicious. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.

**STOWELL'S EVERGREEN**. The standard and best known Sweet Corn. Ears 8 to 9 inches long, 16 to 18 rowed, with a very deep, sweet grain. Pkt., 10c; ½ lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.50; 100 lbs., \$16.00.

## Pop Corn

**JAPANESE HULLESS or TOM THUMB**. Dwarf growing; heavy yielder; ears short, thick and uniform. The grain is of excellent popping quality and of delicious flavor. Pkt., 10c; ½ lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid.

**QUEEN'S GOLDEN**. The stalks grow 6 feet tall, with large ears produced in abundance. It pops perfectly white. Pkt., 10c; ½ lb., 25c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.25; 100 lbs., \$15.00.

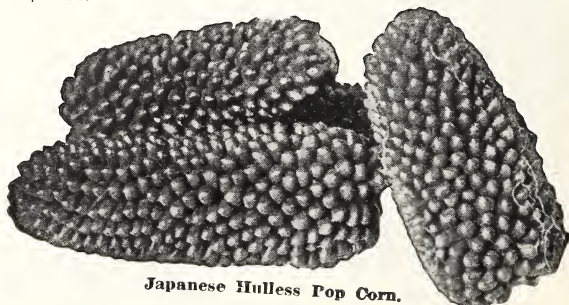
**WHITE RICE**. Very productive, excellent quality; very crisp and delicious. Pkt., 10c; ½ lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.25; 100 lbs., \$15.00.

QUANTITIES OVER TEN POUNDS NOT PREPAID.

Holmes' Corn Collection of 3 of the very best varieties: Holmes' Premo, Holmes' Sweetheart, Holmes' Delicious. Pkt. of each for 25c, or ½ lb. of each for 60c, postpaid.



Country Gentleman



Japanese Hulless Pop Corn.



# Cucumbers

One ounce of seed will plant about 50 hills; 1 to 2 lbs. to the acre.

Cucumbers require rich, sandy soil, but do quite well in almost any good garden soil, especially if some fertilizer is mixed in where the hills occur.

As soon as the weather has become settled and warm, plant in hills 4 to 6 feet apart each way, with 8 to 10 seeds in a hill; cover one-half an inch deep, smoothing the hill off with the hoe. When the plants are out of danger of insects, thin out to three or four plants to a hill. The seed may also be sown in rows 6 feet apart, with the seed every few inches in the row, thinning out when plants are large enough to withstand the bugs. For pickles, plant from June 1st to August 1st. The fruit should be gathered when large enough for pickling, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness.

**HOLMES' IMPROVED WHITE SPINE.** This Cucumber is without an equal among market varieties and is just as good for the home gardener. Its rich, dark green color makes it most attractive to the eye and its heavy bearing qualities make it most profitable to the grower. The plants are very strong and vigorous, and are thus better able to resist disease than most other sorts. This Cucumber grows about eight inches long and in shape and size is entirely uniform; another merit in marketing the product. It is also very early, and can be put on the market when prices are high. The gardener who plants this fine Cucumber cannot go wrong. It requires about two pounds to plant an acre. We recommend ordering early so that you will be sure to get your share, as there may not be enough of this seed to take care of all orders. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.75; 2 lbs., \$3.25; 5 lbs., \$7.50.

**EARLY FORTUNE.** We offer this as one of the most satisfactory strains of the well known White Spine types. Its outstanding features are its rich green color and its uniform length, which averages 8 to 9 inches. In shape it tapers slightly at the ends. Southern growers of Cucumbers can place great confidence in this stock of Early Fortune which has made a good record for itself wherever grown. It has many excellent points, but of all of them we consider its dark green color the most important. Our stock of Early Fortune is the equal of any available at any price. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25; 5 lbs., \$5.25.

**IMPROVED LONG GREEN.** We consider this very handsome Cucumber to be the outstanding variety of the Black Spine strains. Fruits, when mature, are about 12 inches long, uniformly slender, and of a rich deep green color. They are well covered with warts and spines. Sometimes the small fruits are used for sweet pickles. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.50; 5 lbs., \$6.35.

**DAVIS PERFECT.** The dark green color extends to the tips of the fruits. They grow 9 inches long and hold the color and brittleness long after being cut. Excellent for resisting disease. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.75; 2 lbs., \$3.20; 5 lbs., \$7.45.

**EXTRA-LONG, or EVERGREEN WHITE SPINE.** Averages longer than other strains. Extra-fine shape and quality; makes a good pickle, may be used extensively for growing under glass. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.75; 2 lbs., \$3.20; 5 lbs., \$7.50.

**WHITE WONDER.** The Cucumbers are white from the time they begin to set, and are very good, either for eating fresh or pickling. Of fine quality and very productive. They average 8 inches long by 2½ inches thick. The pearly white skin is extremely thin but quite strong, which makes a good shipper. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00; 2 lbs., \$3.70; 5 lbs., \$9.00.

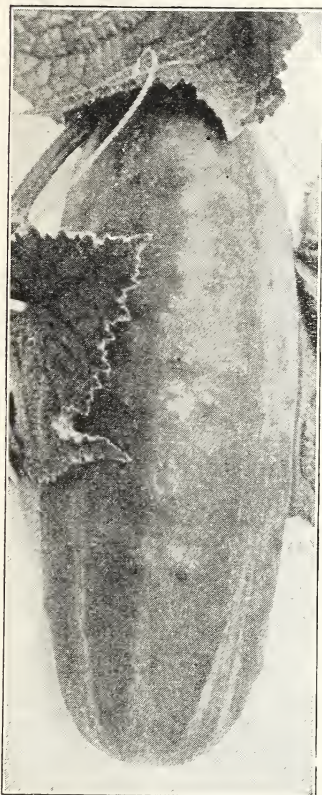
**ARLINGTON WHITE SPINE.** Good shape; smooth; light green with white spines. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.

**EARLY GREEN CLUSTER.** Short and prickly; bearing, in clusters of two and three, pickles of small size, prolific; fine for bottling. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.

**CHICAGO PICKLING.** Medium length, slightly pointed at ends; deep green. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.

**GREEN PROLIFIC, or BOSTON PICKLING.** Of uniform growth, seldom too large for pickling; produces fine, short, green pickles, and is immensely productive. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.

**GHERKINS (True West India).** Used only for pickles. Fruits small, oval, about 2 by 1½ inches, covered with spines; color light green. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.



Davis Perfect Cucumber.



Holmes' Improved White Spine.



Boston Pickling Cucumbers.



## Eggplant

One ounce of seed produces about 1500 plants;  $\frac{1}{4}$  lb. to the acre.

Sow seeds in hotbed or warm greenhouse in March or early in April. If no hotbed is at hand, they may be grown in any light room where the temperature will average 75 degrees. When plants are 2 inches high, or have formed two rough leaves, transplant them into beds and set 3 to 4 inches apart. Keep beds closed and very warm, shading from direct rays of the sun and giving an occasional watering until the weather is warm and all danger from frost and cold nights is past; then harden the plants by gradual exposure to the sun and air, and transplant to the open ground late in May or June, into warm, rich soil, 2 to 3 feet apart each way. When about a foot high, draw the earth up to the stem.

**BLACK BEAUTY.** Ten days earlier than the New York Purple; is of rich, lustrous, purplish black color. It is a distinct sort and a favorite where known. The fruit is very attractive in appearance. This variety is entirely spineless. Quality the very best. **Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.30; lb., \$4.50, postpaid.**

**NEW YORK IMPROVED LARGE PURPLE.** A leading variety. Fruit very large, oval, smooth, deep purple; flesh white and of good quality. The seed we offer is a very fine strain of this popular sort. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.15; lb., \$4.00, postpaid.**

## Dill Seed

Sow early in the Spring, thinly in rows about  $1\frac{1}{2}$  feet apart for hand cultivation or  $2\frac{1}{2}$  feet apart if to be cultivated with horse. Cover seed about one-half inch. Dill is used in large quantities for flavoring cucumber pickles and vinegar.

**MAMMOTH.** Large seed heads. **Oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.**

## Dandelion

One ounce will sow 150 feet of drill. Sow in May or June, in warm, rich soil, in drills one-half inch deep and  $1\frac{1}{2}$  feet apart. Some of the plants will be ready for use in September, the remainder the following Spring.

**LARGE-LEAVED.** Leaves fully double the size of the common Dandelion. Years of the most careful cultivation have developed a very fine strain of seed. Makes delicious greens. **Pkt., 15c;  $\frac{1}{2}$  oz., 40c; oz., 75c;  $\frac{1}{4}$  lb., \$2.75; lb., \$10.00.**

"Good-will—the disposition of a pleased customer to return to the place where he has been well treated."—U. S. Supreme Court.



Black Beauty Eggplant.

## Endive

One ounce of seed sows 150 feet of drill; 5 lbs. per acre.

This is an important Fall and Winter salad. For the early crop, the seed should be sown in April, in drills 15 inches apart, and the seedlings thinned to stand 12 inches apart in the rows. Sowings for the main crop may be made in June and July, as the vegetable is used principally in Fall and Winter. The inner leaves are blanched by tying the tips of the outer ones together, or by laying boards over the plants.

**LARGE GREEN CURLED.** Dark green leaves, beautifully curled and, when blanched, very crisp and tender; ready for use earlier than other sorts. Our strain is extra fine. **Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.**

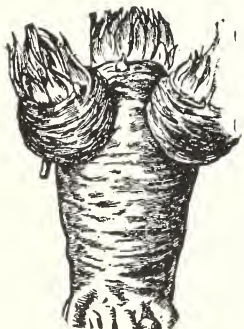
**WHITE CURLED.** Has tender, curly leaves of silvery green. The inner leaves blanch themselves. **Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.**

**GIANT FRINGED.** A very strong growing variety. Broad stems and large white heart. Good for Fall and Winter. Fine in appearance and quality. **Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.**

**BROAD-LEAVED BATAVIAN (Escarolle).** The broad, thick leaves make excellent salads when blanched. **Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.**

## Horseradish Roots

Mark off the rows  $2\frac{1}{2}$  feet apart, and set the roots 18 inches apart in the rows, the small ends down and the tops 1 to 3 inches below the surface.



Horseradish Root.

**MALINER KREN.** A variety from Bohemia, producing very large, pure white roots. **Strong sets, \$1.25 per 100; \$10.00 per 1000.** 1000 roots weigh about 50 pounds. If wanted by mail, include postage.

**Plant Holmes' Seeds for better results.**



Green Curled Endive.



## Garlic Sets

Garlic sets or bulbs are planted in early Spring in rows 1 foot apart, placing the sets 4 inches apart in the rows, 2 inches deep, or in the same manner as multiplier onions. Garlic is used for flavoring purposes. Bulbs,  $\frac{1}{4}$  lb., 20c; 1b., 60c, postpaid.

## Herbs

Sweet, Pot, Culinary, Medicinal.

Herbs delight in a rich, mellow soil. Sow in early Spring in shallow drills one foot apart; cover lightly with fine soil, and when up a few inches thin out, or transplant into prepared

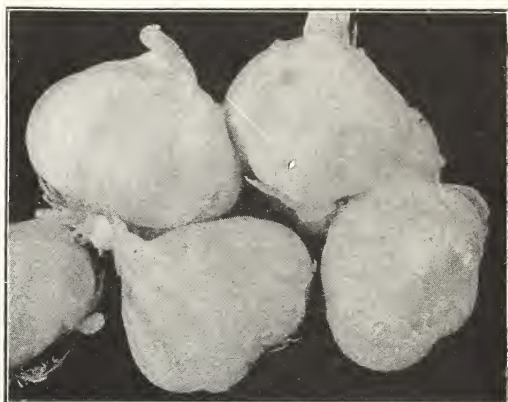


Sage.

beds. Care should be taken to harvest properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack closely in bottles or dry boxes to exclude the air. Varieties in the list marked (\*) are perennials.

	Pkt.	Oz.
ANISE .....	\$0.10	\$0.15
*CARAWAY... ..	.10	.15
CHEERVIL ... ..	.10	.25
*CORIANDER ... ..	.10	.15
DILL .....	.10	.10
*FENNEL,		
Sweet .....	.10	.15

	Pkt.	Oz.
*LAVENDER,		
Sweet .....	\$0.10	\$0.40
SAGE .....	.10	.35
SUMMER		
SAVORY ..	.10	.25
SWEET MAR-		
JORAM ...	.10	.25
*THYME .....	.10	.45



Garlic.

## Kale, or Borecole

One ounce of seed sows 200 feet of drill; 4 lbs. per acre.

Kale or "German Greens" does not form heads, but furnishes an abundance of pretty curled leaves that are highly prized for food. Sow from the middle of April to the beginning of May; transplant and cultivate like cabbage. Will endure considerable frost without injury.

**DWARF GREEN CURLED SCOTCH.** Is very dwarf and spreading. The leaves are beautifully curled and of a bright green color. Hardy. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1b., \$1.00; 10 lbs., \$9.00.

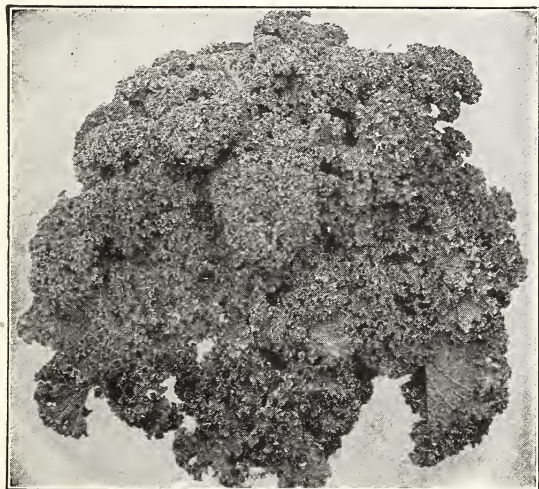
**BLUE CURLED SCOTCH.** (New). More hardy and of dwarf habit than Dwarf Green Curled Kale and has a rich bluish color. It is very short stemmed and of spreading habit with finely curled leaves. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., 90c; 1b., \$3.00; 10 lbs., \$27.00.

## Leeks

Cultivate the same as onions.

**AMERICAN or LONDON FLAG.** A hardy kind; large, strong plants with broad leaves. Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 20c;  $\frac{1}{4}$  lb., 65c; 1b., \$2.00, postpaid.

When you think of seeds—think of  
Holmes.



Dwarf Green Curled Kale.

## Kohl-rabi

One ounce of seed sows 300 feet of row; 4 lbs. per acre.

The turnip-shaped bulb formed above the ground is the edible part. The flavor seems to combine that of cabbage and turnips. When young and tender they are fine for table use, when matured they keep splendidly and are excellent for feeding stock.

**EARLY WHITE VIENNA.** Greenish white outside, with clear flesh within. Fine in quality. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 60c; 1b., \$1.75, postpaid.

**EARLY PURPLE VIENNA.** Same as above, except in the outside color. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; 1b., \$2.00, postpaid.



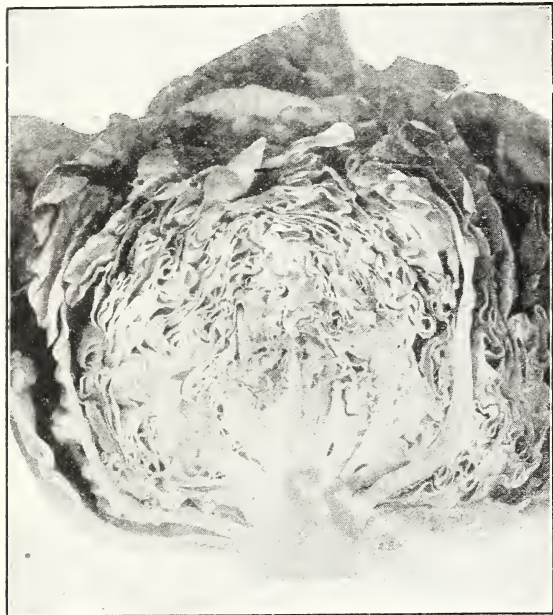
Kohl-rabi.

EAST, WEST, HOLMES'  
SEEDS ARE BEST



Leeks.





Big Boston Head Lettuce.

## Lettuce

One ounce will produce from 2000 to 3000 plants;  
3 pounds will sow an acre.

Lettuce may be grown in every garden. Well-rotted stable manure should be well mixed in the soil. If this cannot be secured, use good commercial fertilizer, which should be raked in after digging. Sow seed as soon as ground can be worked, and thin out as desired. If for heading, leave plants 8 to 10 inches apart. If for cutting, they may be left much closer. Successive sowings may be made until about August 5th. Constant cultivation is necessary.

**BIG BOSTON.** Without a doubt the finest and largest head Lettuce for the gardener who looks for the best. The leaves are fine, thin, broad and smooth, of a beautiful light green, forming heads measuring over 12 inches across. The compact heads, when cut, reveal a very solid, beautiful, pale greenish white and pale yellow heart of remarkably fine flavor, tenderness, and crispness. It has also proved very much in demand as a large forcing sort, as well as for Spring and Fall planting. Bright light green in color, slightly tinged with reddish brown. The quality of this Lettuce is excellent, and it is a fine shipper. **Pkt., 10c; oz., 20c; ¼ lb., 45c; 1b., \$1.50; 5 lbs., \$6.00.**

**CRISP-AS-ICE.** The heads are solid, of immense size when well grown, and so exceedingly crisp, tender and brittle as to fully warrant the name Crisp-as-Ice. Glossy leaves are thick, nicely crimped and curled. Heads when cut open, have a rich, creamy yellow heart. **Pkt., 10c; oz., 20c; ¼ lb., 60c; 1b., \$2.00.**

**ICEBERG.** A sure and hard-heading, hot weather variety. Medium sized plants with strong midrib, producing large, conical heads. Outer leaves light green, curly, and finely fringed. Hearts are of a beautiful white color, crisp and tender. Fine appearance and mild flavor. Use this during the hot Summer months. This variety is quite commonly confused with New York, but it is really distinct, being very much lighter in color. **Pkt., 10c; oz., 20c; ¼ lb., 45c; 1b., \$1.50; 5 lbs., \$6.00.**

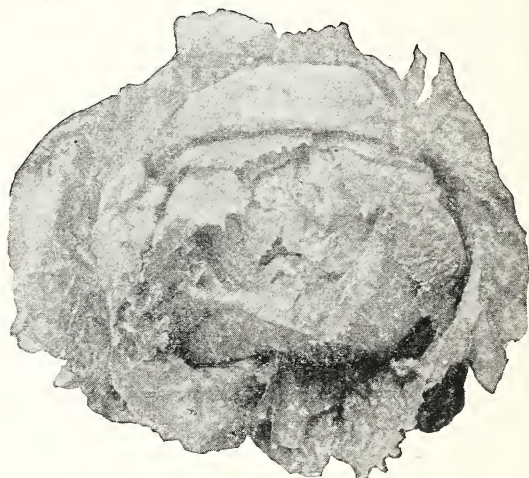
**UNRIVALED.** An improvement on Big Boston, forming very solid, large, pale green heads without the reddish brown tinge, and of excellent quality. Forms a head in six weeks;

at least ten days earlier than the regular Big Boston. May be sown all through the year and stands heat remarkably well. Is crisp, tender and solid. **Pkt., 10c; oz., 20c; ¼ lb., 45c; 1b., \$1.50; 5 lbs., \$6.00.**

**HOLMES' GIANT CRYSTAL HEAD.** Our strain of this excellent Lettuce is unexcelled for quality; produces big, compact butter heads, yellow as gold inside, delicious, sweet, tender and crisp. **Holmes' Giant Crystal Head** stands hot weather remarkably well. Try this wonderful Lettuce. **Pkt., 15c; oz., 40c; ¼ lb., \$1.00; 1b., \$3.50; 5 lbs., \$16.00.**

**ALLHEART.** An early Spring variety and very well adapted for use in muck soils. Heads are of a delicate yellowish green color, crisp, of excellent flavor, and very solid. **Pkt., 10c; oz., 20c; ¼ lb., 45c; 1b., \$1.50; 5 lbs., \$6.00.**

**GRAND RAPIDS.** One of the very best of the loose-leaved varieties. In color, a clear, pale green, suggesting coolness and crispness, and as pleasing to the palate as to the eye. No more appetizing dish can be placed on your table than a plate of Grand Rapids. The leaves are crumpled and curled, very tender and brittle. As the leaves grow upright, it can be planted fairly close and will not rot because it does not come in contact with the ground. An excellent forcing sort. **Pkt., 10c; oz., 20c; ¼ lb., 45c; 1b., \$1.50; 5 lbs., \$6.00.**



Crisp-as-Ice Lettuce.



Grand Rapids Lettuce,

Holmes' Lettuce Seed is known for its trueness of type.  
None Better.



**NEW YORK.** (Known as Mountain Iceberg). This is a decidedly crisp cabbage-heading variety. It is very large and robust growing, rooting deeply, resisting hot, dry weather, is very slow to run to seed, and is a sure header under most trying conditions. The solid heads often measure 15 inches across. The leaves are broad, fairly blistered, crumpled and twisted, thick, and very flatly and tightly overlapping one another. The color of the outer leaves is a dull, very dark green and the interior blanches creamy white, is crisp, tender, and of good quality. Not recommended for forcing but very fine for a main summer crop, and one of the best for shipping. **Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00; 5 lbs., \$8.75.**

**MAY KING (Wayahead).** This is practically the earliest head Lettuce. It is a very quick grower; heads are medium-sized and light green. The inside is a rich but-tery yellow. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00.**

**BLACK-SEEDED SIMPSON.** Produces a mass of light green, curly leaves, each individual plant attaining a large size. Very fine. One of the most desirable varieties for the home-garden as well as for market. Grows very quickly. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50; 5 lbs., \$6.00.**

**PRIZE HEAD EARLY.** Not a true head Lettuce; produces a large bunch of tender, crumpled and frilled leaves, heavily tinged with brown. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50; 5 lbs., \$6.00.**

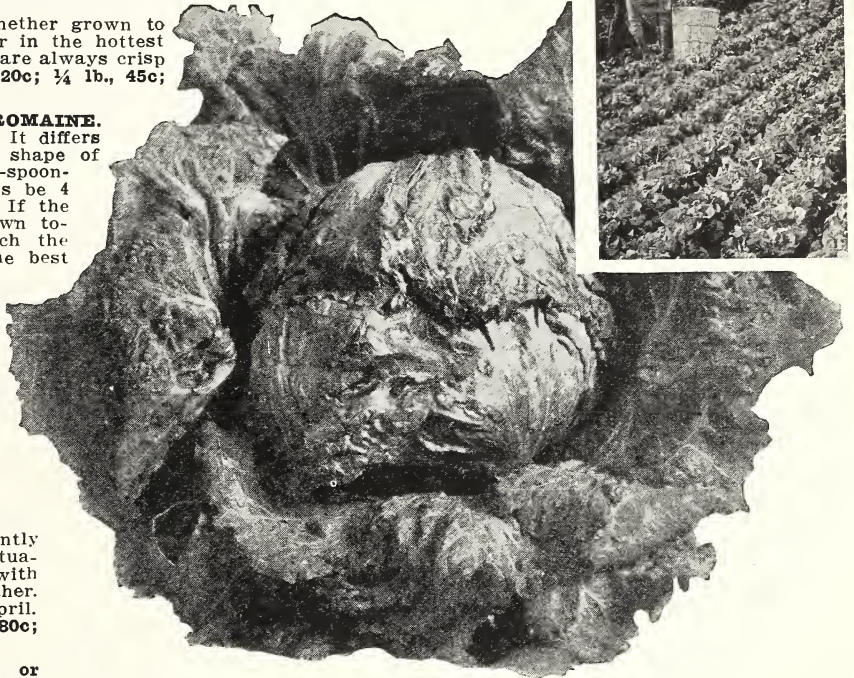
**HANSON.** It matters not whether grown to head in the early Spring or in the hottest days of Summer, the leaves are always crisp and tender. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50; 5 lbs., \$6.00.**

**GIANT WHITE COS, or ROMAINE.**

Also called Celery Lettuce. It differs from other Lettuce in the shape of the leaves, which are long-spoon-shaped, upright. Let plants be 4 inches apart, in the rows. If the tall, narrow leaves are drawn together and tied they blanch the inner leaves. Served in the best hotels as "Romaine Salad." Try it. **Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.50; 5 lbs., \$6.00.**

**WINTER LETTUCE.** A variety for sowing in the Fall for wintering over to have early Head Lettuce the first thing in the Spring. Finest quality, solid heads with creamy yellow center. Sow the seed about August 15 to September 10. About the end of October, set the plants to remain permanently in as warm and favorable situation as possible. Protect with straw during frosty weather. Heads begin to form in April. **Pkt., 15c; oz., 30c; ¼ lb., 80c; lb., \$2.50.**

**EARLY CURLED SIMPSON or SILESIA.** Loose, curly leaves; fine for cutting in the home garden. **Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.**

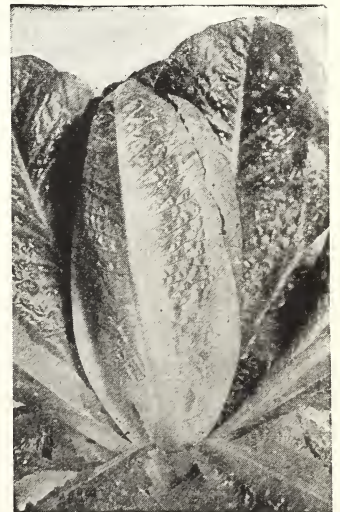


New York Lettuce.



May King Lettuce.

1 Packet  
Each  
of  
BIG  
BOSTON,  
HOLMES'  
GIANT  
CRYSTAL  
HEAD  
and  
NEW  
YORK  
for 25c,  
postpaid.



Giant White Cos or Romaine Lettuce.

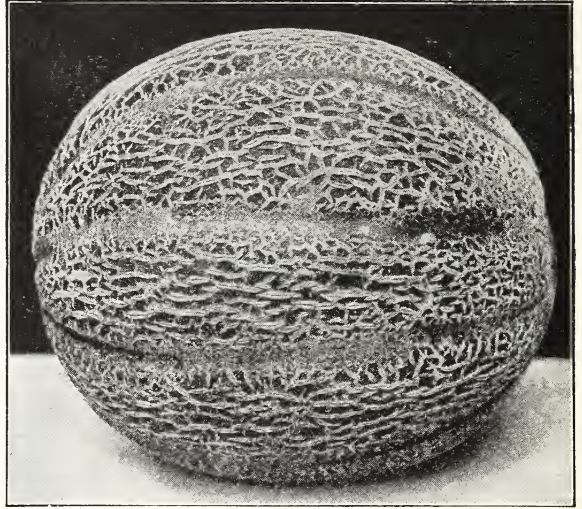


# Muskmelon or Cantaloupe

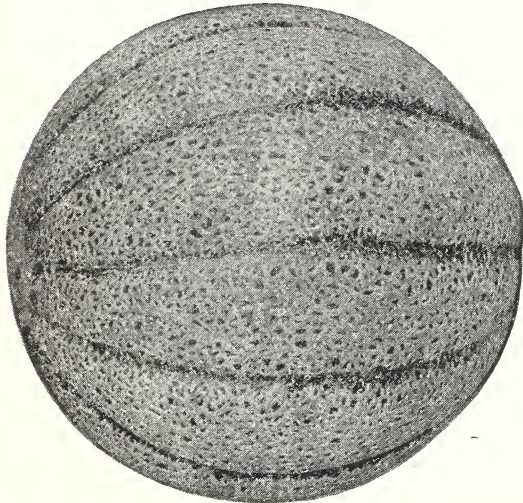
One ounce will plant 50 hills; 2 to 3 lbs. per acre.

Early in May plant in hills 4 feet apart, dropping 6 or 8 seeds to the hill. When large enough, thin out to four strong plants. If small beetles appear, dust with slaked lime. Spray with Pyrox to prevent blight, and cultivate freely till the vines cover the ground.

**BENDER'S SURPRISE.** A grand Melon for both shipping and the home market. We have never seen a Melon quite equal to the Bender in fine flavor, size and keeping qualities combined. The Melons are round to oval in shape, ribbed and partly covered with netting. The flesh is very thick, especially so at the blossom end so that the Melons rarely crack. When ripe, the Melons turn a golden tint which shows through the netting and gives the fruit a very attractive appearance. The size of the Melons averages quite large, many weighing 10 pounds or more. We have had Melons that weighed 16 pounds. A valuable point about these Melons is that they will keep in good condition five or six days after picking, and actually improve in flavor during that time. The flesh is so firm and thick that the Melons remain firm and in good condition much longer than other large Melons of this class. For market and shipping this is an important consideration. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75; 2 lbs., \$3.20; 10 lbs., \$15.00.**



Bender's Surprise.



Hearts of Gold.

**TIP-TOP.** The fruits are large, nearly round, and the skin, when mature, is greenish yellow, slightly netted. The deep salmon flesh is thick, delicious in quality, and it ripens clear to the rind. It is a fine shipper, distinct and most attractive in appearance. **Select hand-cut seed. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00; 2 lbs., \$3.70; 5 lbs., \$8.70.**

**EXTRA EARLY OSAGE.** A week to ten days earlier than the old type Osage, and nearly as large; flesh very thick, salmon colored and of high quality. Form, color and general appearance similar to Osage. One of the very best Melons. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 2 lbs., \$2.75; 5 lbs., \$6.30.**

**EXTRA EARLY HACKENSACK.** Heavily netted, and has light green flesh of most delicious flavor. Good keeping and shipping sort. Large, fine form. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.**

**EMERALD GEM.** An old standby. Extra early; slightly flattened in shape; distinctly ribbed and lightly netted; flesh deep salmon-orange, thick and very sweet. A fine Melon for home gardens and local markets. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.**

**LAKE or GOLDEN CHAMPLAIN.** If your season is a short one, or if you want to get the first Melons to your market from your section, use Lake Champlain. Those Muskmelons which are commonly planted take from 70 to 90 days to mature. This one will be ready far ahead of any of them, and is the earliest we have seen. It is very productive, as is evidenced by one grower's crop of 1,975 half-bushel baskets to the acre. The plant is very vigorous and healthy, setting and ripening Melons rapidly even under adverse conditions. The Melons are medium sized, of the Hackensack shape, and nicely netted. The flesh is deep, very sweet and a beautiful golden yellow color. **Pkt., 15c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 5 lbs., \$13.75.**

**EXTRA EARLY KNIGHT.** It is one of the earliest, high-quality Melons for the northern states, and can be depended upon to mature fine eating Melons when all other varieties fail. Under ordinary conditions, the first fruits will ripen in 90 days from the time the seed is sown. Extra Early Knight Melons are oblong in shape, averaging 6 inches long by 4 inches through, with very small seed cavities and thick, green flesh of a most delicious sugary flavor. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

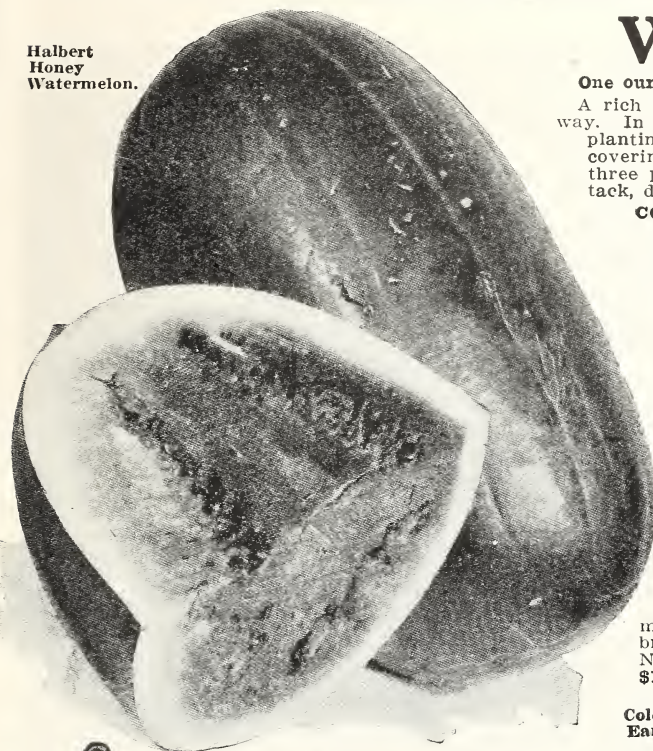
**HEARTS OF GOLD (Hoodoo).** Undoubtedly one of the best of the orange-fleshed varieties. The Melons are medium in size, but present a very fine appearance, the rind being very firm and closely netted. The flesh is a rich deep orange in color, very fine grained and deliciously sweet. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 2 lbs., \$2.75; 5 lbs., \$6.30.**



Extra Early Hackensack.

**Bender's Surprise outstanding features—unusual type, purity, productiveness and attractive market appearance, very early maturing. Do not fail to give it a trial.**



Halbert  
Honey  
Watermelon.

## Watermelon

One ounce of seed will plant 30 hills; 3 to 4 lbs. per acre.

A rich soil is necessary; hills should be 8 feet apart each way. In warm, sandy soils fine crops are often obtained, if plantings are made in May. Plant 8 to 10 seeds to the hill, covering one inch. When plants form first leaves, thin to three plants to the hill. At the appearance of insect attack, dust freely with Slug Shot.

### COLE'S EARLY. A Splendid Melon for the North.

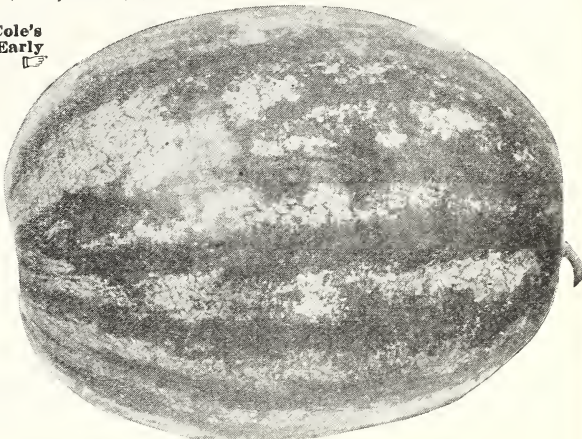
Melons seldom over 12 inches long and 9 inches in diameter, but what they lack in size they more than make up in number and quality. Rind green, striped a lighter shade. Flesh bright red, crisp, delicate texture, juicy and sparkling, sweet and luscious.

Very early and will mature large crops in the northern states. Seeds black. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.20.

**KLECKLEY'S SWEET.** Vines vigorous and productive; fruits are medium to large, oblong, tapering slightly toward the stem end; dark green. The flesh is very bright, rich red and exceedingly sweet, crisp and tender. Combines earliness, size and quality. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.20.

**HALBERT HONEY.** One of the best Melons grown. The fruits are long, blunt at both ends; skin a rich, glossy green; the flesh a beautiful crimson; quality delicious; very prolific. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.20.

**HARRIS' EARLIEST.** An extra early Melon of excellent quality. Slightly oval with irregularly mottled broad stripes of light and dark green. Flesh bright red, sweet and crisp. One of the best for the North. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.20.

Cole's  
Early

**TOM WATSON.** A tough-rind shipping Melon, superior to any other of its class. The Melons measure 18 to 24 inches long by 10 to 12 inches in diameter, and weigh from 50 to 60 pounds. The dark green rind is tough but thin. The luscious deep red flesh extends to within one-fourth inch of the green rind. Pkt., 10c; oz., 15c; ¼ lb., 35c; ½ lb., 50c; lb., 85c; 2 lbs., \$1.55; 5 lbs., \$3.60; 10 lbs., \$6.35, postpaid.

**COLORADO PRESERVING CITRON.** Medium sized, round, dark green fruits, marbled with light green. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.20.

## Okra or Gumbo

One ounce will sow 100 feet of row; 8 pounds will sow an acre.

Sow after soil is warm, in rows 3 feet apart, 18 inches apart in the row. The pods are used for soups and stews. The pods should be gathered while still young and tender.

**PERKINS' MAMMOTH.** This variety is about 3 feet high, very early and productive. Pods are deep green, very long, slender, slightly corrugated, very tender and of good quality. A fine market variety. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c; 2 lbs., \$1.00; 5 lbs., \$2.40.

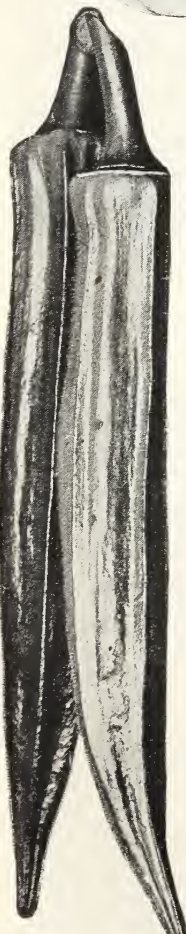
**WHITE VELVET.** Grows 3½ feet high; is early and productive. Pods are creamy white, long, smooth, slender, and tender. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c; 2 lbs., \$1.00; 5 lbs., \$2.40.

## Mushroom Spawn

One brick will spawn an area of 8 or 9 square feet.

We shall be glad to send you a copy of our "Mushroom Culture." Free on application.

**PURE CULTURE, AMERICAN.** Our American Pure Culture Spawn is grown from creamy white specimens of perfect form and size. Brick, 40c, postpaid. 5 bricks, \$2.00; 10 bricks, \$2.75; 25 bricks, \$6.25, by express.



White Velvet Okra.

## Mustard Used for Greens and Salads

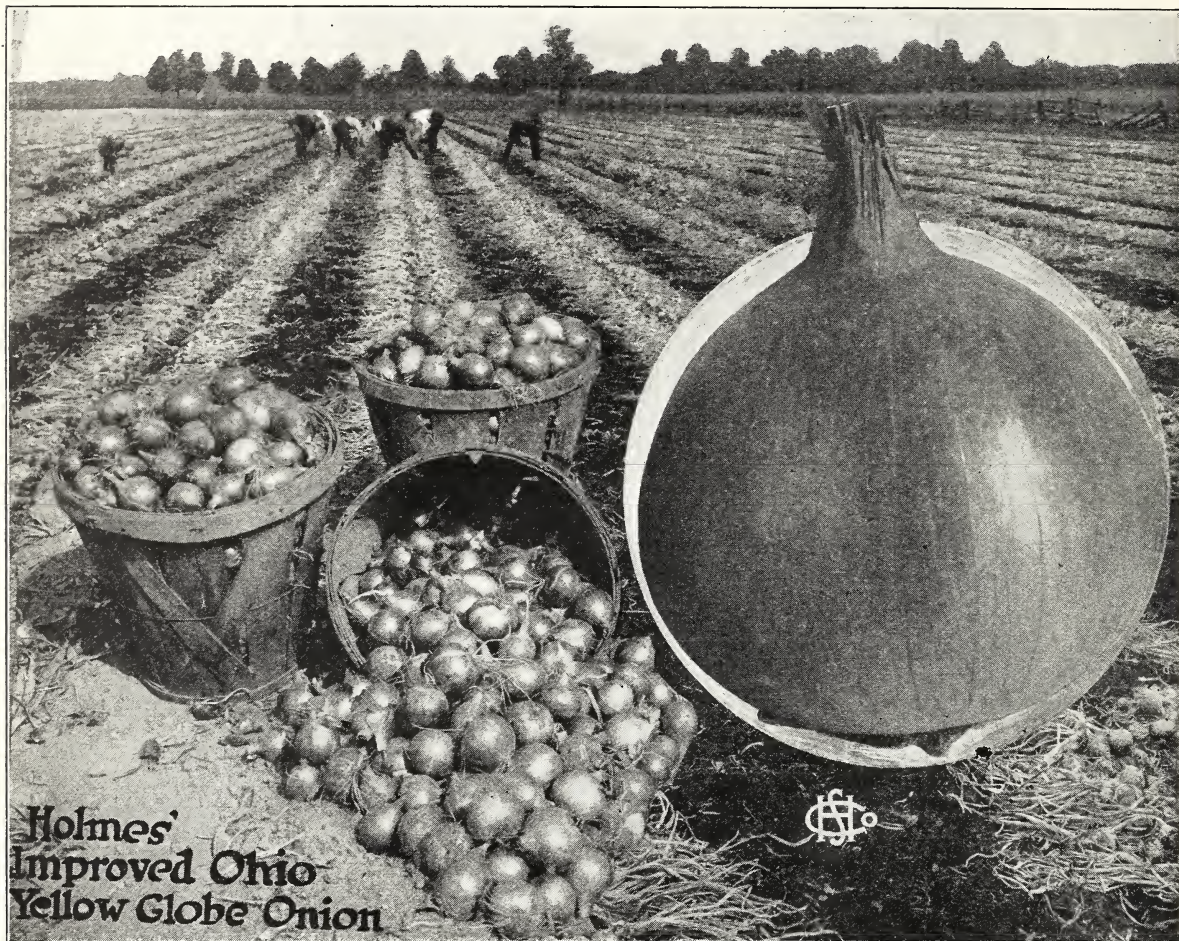
One ounce will sow 100 feet of row; one pound will sow an acre in drills; two pounds if broadcast.

**OSTRICH PLUME.** Has long, slender, plumelike, finely curled leaves of a deep green color, with edges deeply cut. Stands a long time before running to seed. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c; 2 lbs., \$1.35; 5 lbs., \$3.20.

**SOUTHERN GIANT CURLED.** The leaves are large, light green, with a yellow tinge. The plant is upright or slightly spreading in growth, and is very hardy, and of good quality. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c; 2 lbs., \$1.00; 5 lbs., \$2.40.

Mustard, Southern  
Giant Curled.





## Onion

One ounce will sow 100 feet of row; 5 lbs. per acre.

Soil should be well fertilized. For early crop, sow seed in cold frames in February, transplanting when large enough to handle. Open-ground sowing should be made right after frost has gone. Sow one-half inch deep in rows 12 inches apart. If thinning is needed, the young plants may be used for salad. Keep free from weeds. Care should be taken in cultivating not to go too deep and not to cover the bulbs.

### Holmes' Improved Ohio Yellow Globe

This is probably the type of Yellow Globe Onion most widely used in America, and there is no finer strain than that we offer. It is early, a reliably large yielder and keeps well. It is pure, deep yellow, with firm, hard, white flesh, mild and of excellent flavor. It is of true globe shape, and the neck cures down to almost nothing. It matures quickly and can be put on the market early, where, on account of its fine appearance, it finds ready sale. No one makes a mistake when planting Holmes' Improved Ohio Yellow Globe. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00; 5 lbs., \$1.75 per lb.**

### Prizetaker

When fully matured, this variety will normally reach a diameter of 4 inches and, under special cultivation, will weigh as much as 5 pounds. For Fall and early Winter use, it is highly recommended. The color of the outside skin is a rich yellow, while the inside flesh is white, mild and sweet. As a Winter keeper it may be classed with the Southport types. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 5 lbs. or more at \$2.00 per lb.**

### Selected Yellow Globe Danvers

By very careful

selection and breeding this strain has been developed. It is a main crop Onion which has retained the small neck and the uniformity of ripening. The bulbs, of medium to large size, are uniformly globe-shaped, with small neck; ripen evenly and are of a rich, coppery yellow color. The flesh is creamy white, crisp, solid, and of mild and excellent flavor. An excellent keeper, and a very fine shipping Onion. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00; 5 lbs. or more at \$1.85 per lb.**

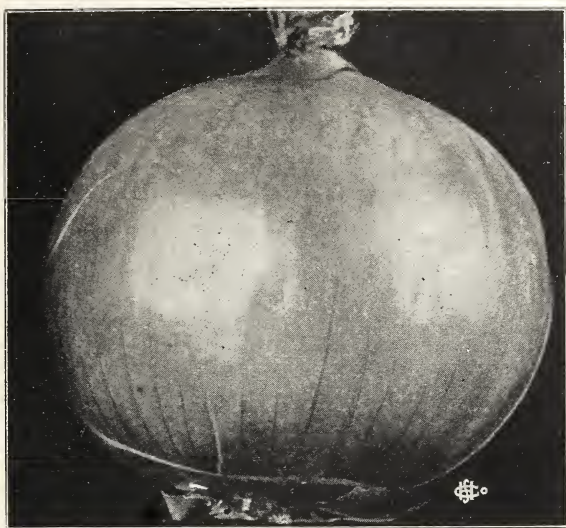
### Ebenezer, or Japanese

This is the mildest yellow Onion in our

list. The Onions are large (often 4 inches in diameter), somewhat flattened, have attractive yellow skin and firm white flesh of delicate flavor; very small top and ripens quite early for so large a variety. One of the best keeping sorts. Sow in Spring for sets which plant out the following Spring for large Onions. **Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$3.00; 5 lbs. or more at \$2.75 per lb.**

**MARKET GARDENERS AND THOSE WHO USE ONION SEED IN LARGE QUANTITIES SHOULD WRITE US FOR SPECIAL PRICES**





Mountain Danvers Onion.

**SOUTHPORT RED GLOBE.** This most excellent main crop Onion produces medium to large sized, perfect globe-shaped bulbs, with small neck, smooth and glossy, and of deep, purplish red color. Flesh is white, tinged with light purple, fine grained and tender, but rather strongly flavored. One of the best keepers and fine for shipping. Pkt., 20c; oz., 25c; ¼ lb., 75c; lb., \$2.50; 5 lbs. or more at \$2.25 per lb.

**MOUNTAIN RED GLOBE.** An extra early strain of Southport Red Globe. This stock is the result of seven years' careful selection by the same grower who developed Mountain Danvers. Having been acclimated to a climate at 5000 feet elevation, it has now been developed as an extra early type of Southport. Its color and shape, its thin neck, and its uniform size make it an invaluable type. It will mature within a few days of Mountain Danvers. This stock is also highly recommended for set growing. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$3.00; 5 lbs. or more at \$2.75 per lb.



Bottle Onion.

### Bottle Onion

This Onion has been grown for many years in certain sections. Its great merit deserves that it should be known universally. It is absolutely unsurpassed in flavor, being mild and sweet like the Spanish Onion. Its great length makes it a fine bunching onion, and it is also excellent for slicing. It yields well, and is a good keeper. If you give this onion a trial, you will never be without it. Genuine stock. Pkt., 15c; oz., 35c; ¼ lb., \$1.25; lb., \$4.00.

Sets, lb., 35c, postpaid.  
By express, ¼ bu., \$1.50;  
bu., (32 lbs.), \$5.00.

This store has no connection with any other seed store.

**Mountain Danvers** An early and very uniform type of Yellow Globe Danvers. This seed has been grown for us on the western slope of Colorado, at an elevation of 5000 feet. It is the result of fourteen years' effort to produce a type of Onion which would mature in the comparatively short seasons of the high altitudes. The result is that a very valuable type has been developed for Onion growers in all districts. Tests show that this Onion will mature at least a week earlier than Yellow Globe Danvers, from which the selection originally came. The bulbs are a flat, medium globe shape, absolutely uniform in color and type, and the necks are very thin. The bulb itself is very solid and has excellent keeping and shipping qualities. Mountain Danvers is recommended as an extra early sort to all Onion growers. This stock is offered as a very superior product. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50; 5 lbs. or more at \$2.25 per lb.

**SOUTHPORT YELLOW GLOBE.** The bulbs are large, globe-shaped, of a rich yellow color, ripen down evenly, and are good keepers and shippers. Flesh is creamy white, fine grained, and of excellent flavor. Very hardy and productive, but matures slightly later than Holmes' Ohio Yellow Globe. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00; 5 lbs. or more at \$1.75 per lb.

**SOUTHPORT WHITE GLOBE.** The finest of all white Onions. A good shipper and keeper. Our stock has the true globe shape, full at the base and shoulder. Crops raised from our seed have given excellent results to others; they will do the same for you. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$3.00; 5 lbs. or more at \$2.75 per lb.

Mountain Red Globe Onions.



**WHITE PORTUGAL or SILVERSKIN.** Bulbs grow to a good size, ripening early, and have a somewhat flattened shape. Flesh is mild and sweet, the thin skin silvery white. One of the best for slicing or boiling, also pickling. Largely planted for producing white sets. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50; 5 lbs. or more at \$2.25 per lb.

**EXTRA EARLY BARLETTA.** A small, flat, pure white Onion, running from 1 to 1½ inches in diameter, and should be left to grow quite thickly in the row. These are mainly planted to produce small Onions for pickling. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

**LARGE RED WETHERSFIELD.** A very popular standard variety, with handsome, large, bright red, smooth bulbs which are flat on the bottom. The flesh is fine grained and firm, purplish red in color, rather strongly flavored, but pleasant. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

### Onion Sets

Prices on Onion Sets are Subject to Change with the Market.

1 lb. plants 40 feet of row; 8 bushels per acre.

**YELLOW SETS.** Sound and clean. Lb., 25c.  
**WHITE SETS.** Silverskin. Lb., 35c.

**EBENEZER or JAPANESE SETS.** Lb., 25c.  
Above prices postpaid.

Write for prices on larger quantities.





Extra Double Curled Parsley.

## Parsley

One ounce will sow 150 feet of row; 3 pounds will sow an acre.

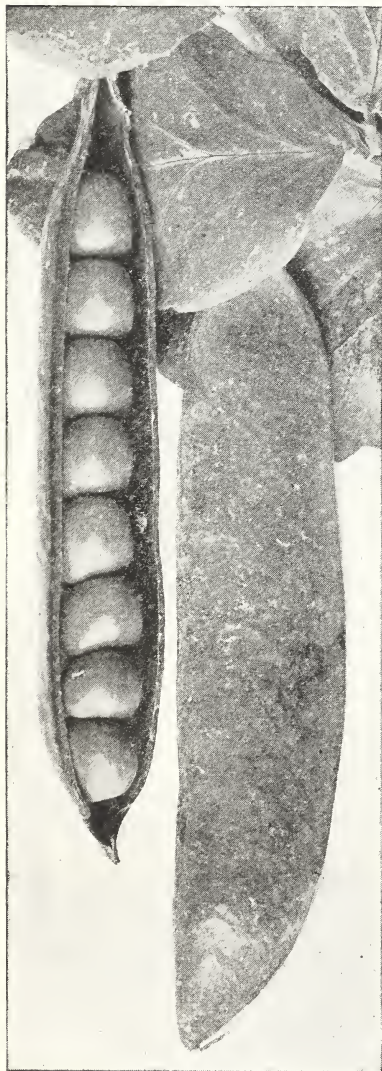
Parsley thrives in a deep, rich, mellow soil, very finely pulverized. As the seed germinates very slowly, sow as early as possible in the Spring, in rows 12 inches apart. Cover with one-half inch of fine soil, pressing it down firmly. When the plants are well up, thin to 1 to 2 inches apart in the row. Seed will germinate more rapidly if soaked over night in slightly warm water. During the hot Summer, Parsley may turn brownish red. To prevent this plant a taller growing crop next to it, so that it has partial shade. Just before frost, pick as much as needed. Dry, powder and store in glass jars for Winter use.

**CHAMPION MOSS CURLED.** A compact-growing, densely curled selection. Our stock is popular owing to the very dark green color, strong stems, extreme uniformity. Pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00; 2 lbs., \$1.90; 5 lbs., \$4.50.

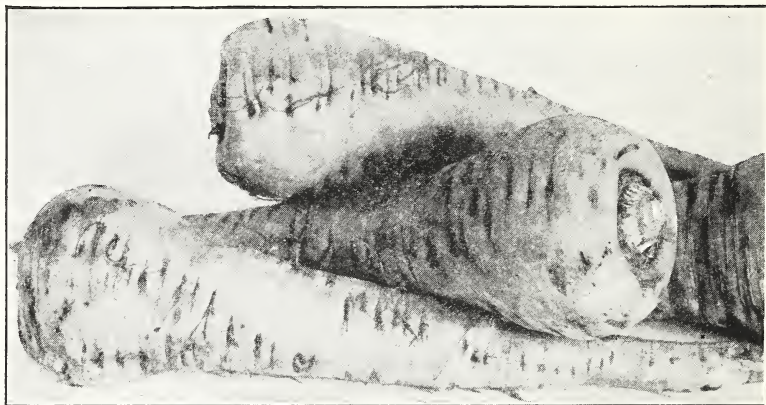
**EXTRA DOUBLE CURLED.** This excellent strain is very vigorous, growing short, stiff stems, with compact, finely cut, very densely curled leaves of an extremely dark green color. Pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00; 2 lbs., \$1.90; 5 lbs., \$4.50.

**HAMBURG or PARSNIP-ROOTED.** This variety is grown for the roots, which mature early, are short, thick and in appearance like a parsnip, although smaller. Flesh is white, a little dry and flavored somewhat like parsnips. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., \$1.00; 2 lbs., \$1.90; 5 lbs., \$4.50.

**PLAIN-LEAVED.** The very dark green leaves are flat, deeply cut, but not curled. Pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.60; 2 lbs., \$1.80; 5 lbs., \$4.25.



Hundredfold Peas.



Hollow Crown Sugar Parsnips.

## Parsnip

One ounce will sow a row 150 feet long; 5 to 6 pounds to the acre.

Parsnips need a deep, loose, rich soil to produce straight, smooth clean roots. Sow seed as early in Spring as weather permits, when soil is warm. Make rows 1½ feet apart and sow seed in rows; cover seed one-half inch when soil is moist; then when plants are 3 to 4 inches high, thin them out to 4 inches between the plants. Roots are improved in quality and flavor if left in the ground over Winter; may be stored in pit or cellar.

**HOLLOW CROWN SUGAR.** The roots are about 12 inches long, with smooth white skin, uniform in shape, tapering evenly from a heavy shoulder down to a small root. The flesh is tender and of best quality. Pkt., 10c; oz., 20c; ¼ lb., 30c; 1 lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.20.

**THICK-NECK HOLLOW CROWN.** A very excellent Parsnip. Some prefer the thicker neck of this variety. Pkt., 10c; oz., 20c; ¼ lb., 30c; 1 lb., \$1.00; 2 lbs., \$1.75; 5 lbs., \$4.20.

## Garden Peas

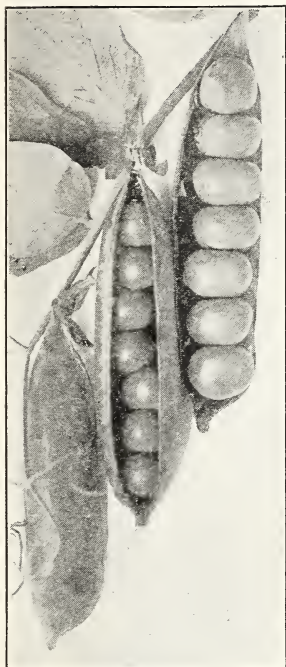
One pound will plant 100 feet of row; 120 pounds will plant an acre.

The very early, round-seeded sorts may be sown as soon as ground is fit; the wrinkled sorts a week or so later. Further sowings may be made at intervals as needed, but best results are secured from early sowings. A good Fall crop may often be raised by planting the extra early smooth sorts about August 1st. Peas should root deeply to grow well. It is well to make a 4-inch furrow, cover the seed one inch, and as the plants grow, cover gradually until level. Let the furrows be broad at the base so the seed may be well distributed; this is preferable to double rows. The rows should be spaced 2 feet apart for dwarf sorts, 3 feet for the medium high, and 4 feet for the tall late sorts. Peas under 3 feet high grow well without support.

**HUNDREDFOLD.** The most popular Pea. Immense pods containing 9 to 10 big peas of delicious flavor. This is, without doubt, the very best dwarf Pea; the best flavored and the largest podded dwarf sort in existence. It is ready about three days after the earliest sorts, and bears an enormous crop of handsome, intensely dark green, fairly broad and pointed pods, 4 inches long, containing about 8 large, dark green peas of excellent quality. The vines are 16 inches high, sturdy, and resist heat well. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid. 25 lbs., \$6.50; 100 lbs., \$24.00.



**IMPROVED THOMAS LAXTON.** Very fine. Large pods tightly filled with big, rich flavored Peas. Ready to pick in 55 days. One of the best early Peas, yields heavily; plants 20 inches high, need no support. This improved strain is far superior to the regular strain in that it is more vigorous, the plants yield 25 to 40 per cent more pods and the pods are exceedingly uniform and have a richer deep green color. Be sure to grow these. **Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$21.00.**



Little Marvel.

superior flavor. Height 18 inches. **Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.25; 100 lbs., \$20.00.**

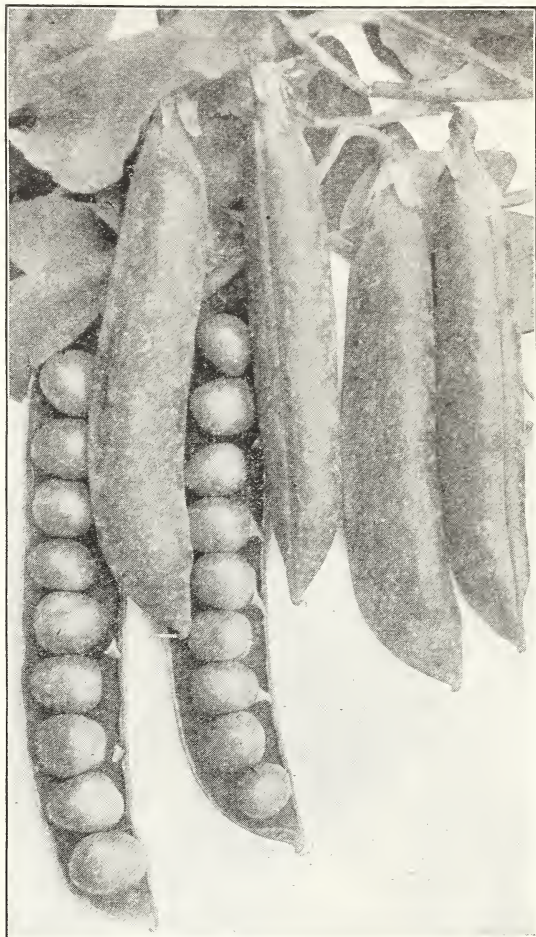
**LITTLE MARVEL.** Extra early. Plants grow 15 inches high, well filled with rich, dark green pods, containing 5 to 7 large peas of finest quality. Fine for market or home garden. **Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.25; 100 lbs., \$20.00.**

**PREMIUM GEM or LITTLE GEM.** Delicious Peas crowded tight into pods 2½ to 3 inches long. Very prolific. Vines grow only 12 to 15 inches high. **Pkt., 10c; ½ lb., 25c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$5.25; 100 lbs., \$20.00.**

**WORLD'S RECORD.** An earlier strain of the well known Gradus Pea and does not grow quite as tall, averaging about 2 ft. in height. The medium green moderately stout vines, however, are more productive, bearing medium green pods, 4 inches long, which are fairly broad, pointed and well filled with from 7 to 9 very large dark green peas of exceptionally fine quality. Comes to maturity three days before Gradus. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid. 25 lbs., \$6.00; 100 lbs., \$22.00.**

**ALASKA.** An extra early sort, producing dark green colored pods in 45 days, making it a desirable shipping variety as it will carry a long distance without losing its color. Vines grow 2½ feet high. A prolific bearer. **Pkt., 10c; ½ lb., 25c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$5.00; 100 lbs., \$18.00.**

**NOTT'S EXCELSIOR.** One of the best dwarf wrinkled Peas; hardy and vigorous, and will mature almost as soon as the smooth varieties. Frequently ready in 55 days. The pods are filled with 7 to 9 large peas. Of



Improved Thomas Laxton.

**GRADUS or PROSPERITY.** A very dependable and productive variety; with the exception of World's Record, the earliest of the wrinkled Peas. Vines 3 feet tall and robust; pods about 4 inches long, broad and pointed, medium green in color; quality excellent. **Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$21.00.**



World's Record.



**PEDIGREE EXTRA EARLY.** We offer it in preference to Alaska, which is two or three days earlier, because of its larger pod, higher sugar content, and more prolific bearing qualities. These features make it a more desirable variety for the general planter. In quality Pedigree Extra Early, when gathered young in the early Spring, is hardly surpassed. This variety does not need brushing as the vines only grow to a height of 20 inches. The pods average 2½ inches. Pkt., 10c; ½ lb., 25c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$5.00; 100 lbs., \$18.00.

**AMERICAN WONDER.** Vigorous, productive. Very popular with private and market gardeners. Peas wrinkled, height of vine 12 inches. Pods 2½ inches long, round, crowded to the end. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.25; 100 lbs., \$20.00.

**LAXTONIAN.** A leading dwarf type. It is one of the most desirable of the large-podded dwarf wrinkled series and is very productive. The dwarf, vigorous vines do not require brush, and, although only 18 inches high, ordinarily bear a very heavy crop. The pods will average about 4 inches in length, and because of their rich green color, invariably find interested buyers. The Laxtonian is, in many respects, similar to Gradus, but we believe it is more desirable as it is much more prolific. The seed is light green, large, wrinkled, and regular in shape. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$21.00.

**POTLATCH.** The best of all large-podded semi-dwarf Peas. Potlatch has become one of our most popular sorts, the demand for this excellent variety among our market gardener friends being enormous; it is not only a favorite sort with them but is equally popular for the home garden. The vines grow 20 to 24 inches high, with unusually dark green foliage. Long pods of a rich dark green color, often measuring 6 inches or more in length, with 9 to 11 enormous peas in a pod are produced in about 68 days. The growth of vine is sturdy and pods are borne in pairs; it is a wonder in productiveness. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.75; 100 lbs., \$20.00.

**DWARF TELEPHONE.** Produces vines 2 feet high and are very productive. The green pods measure 5 inches in length, containing 10 large, luscious peas which fairly melt in your mouth, maturing in 65 days. A desirable home garden sort; requires no brush. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.75; 100 lbs., \$22.00.

**ALDERMAN.** Will yield heavier, but require more care, in that they must have sticks or trellis of some kind for the vines to run on. You will be well repaid for this work, however, as the quality, yield and size of pod cannot be beaten. It has a dark green pod. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$20.00.

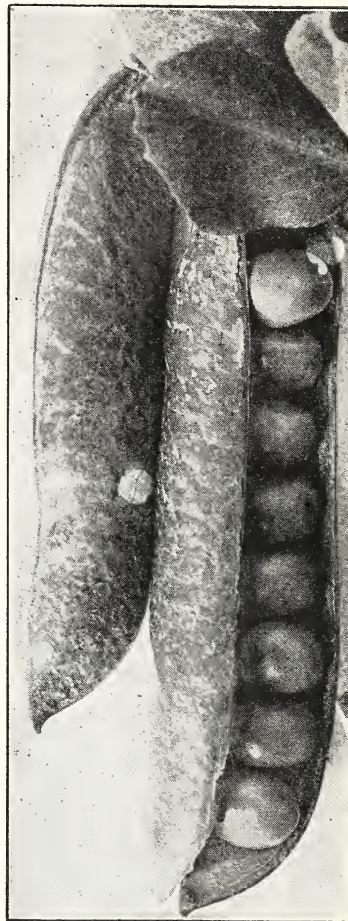
**TELEPHONE.** This late Pea has a fine appearance, high quality and large sized pod. Vines are tall, vigorous and produce an abundance of attractive dark green pods 4½ inches long, straight, broad and pointed, filled with 8 large, light green peas which are tender, sugary sweet, and of an excellent flavor. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$20.00.

**MAMMOTH LUSCIOUS SUGAR PEAS.** Sugar Peas are not shelled. The pods are cooked like snap beans. Without exception the largest, sweetest, purest, most desirable of all Sugar Peas. The pods, when fully grown, will measure 6 to 7 inches long and 1½ inches broad, and they are delicious. The plants grow about 3 feet and do best when supported with wire, string or brush but most growers do not give them any support. Be sure to grow them. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.75; 100 lbs., \$22.00.

**DWARF GRAY SUGAR PEAS.** Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$20.00.

**MAMMOTH MELTING SUGAR PEAS.** White seed, white blossom. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.75; 100 lbs., \$22.00.

**PRINCE EDWARD.** One of the best of the large, dark podded types, and one of the most productive. Height 4 feet. Vine and foliage stout and heavy, medium green; pods dark green, 4½ inches long, broad and pointed, containing 8 to 9 very large medium green peas. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.75; 100 lbs., \$21.00.



Prince Edward.

Potlatch Peas.

## HOLMES' PEA COLLECTION

Three of the Best Peas  
HUNDREDFOLD

WORLD RECORD  
POTLATCH

Pkt. of each for 25c, or ½ lb. of  
each sort for 50c, postpaid.



# Peppers

One ounce will produce 1000 to 2000 plants.

Sow one-half inch deep in hotbed in March. When Plants are one inch high, transplant into 2-inch pots and, after the open ground is warm transplant to rows 2½ to 3 feet apart, plants being 1½ to 2 feet apart in the row. Seed may also be sown in the open ground, after danger of frost, and when plants are 3 inches high, transplant as above. Cultivate frequently to keep soil mellow and free from weeds.

**Holmes' Prolific Sweet** Introduced by H. L. Holmes. A large, early Pepper. The most prolific early Pepper. The strong, vigorous plants grow about 20 inches high, and bear many Peppers. The fruit when ripe is a beautiful scarlet. **Holmes' Prolific Sweet** is known for its earliness, size and yield. Its shape is unsurpassed. Is very mild, can be eaten like an apple. It bears up till frost. This Pepper has been a leader wherever grown. Since being introduced by Mr. Holmes, this Pepper has been grown by thousands each year from North to South. If you want an early, large Pepper and lots of them, plant **Holmes Prolific Sweet**; they can't be beaten for an all-around Pepper. **Pkt., 15c; ¼ oz., 25c; oz., 85c; ¼ lb., \$3.50; lb., \$12.00.**

**CALIFORNIA WONDER.** Here's a new Pepper of real merit. It's nearly as large as, and earlier than, Chinese Giant, but is blocky or square-ended, just the shape you've been looking for. It will sit upright and is ideal to stuff and bake, or to serve whole with salad. Its walls are exceptionally thick, heavier and firmer than any other sort, and the flesh is deliciously sweet and spicy, with no bite to it. The bright, attractive green changes to a brilliant light crimson. Try it; it's a wonder. **Pkt., 15c; ¼ oz., 20c; oz., 65c; ¼ lb., \$2.50.**

**HOLMES' SWEET WHITE.** This is an absolutely new addition to the varieties of large sweet Peppers. It is an attractive cream-white color, thick fleshed and of a most pleasing flavor. **Pkt., 25c.**

**OSHKOSH.** A medium size, very smooth, broad heart-shaped fruit, 3 inches broad by 3½ inches deep, borne erect and often literally filling the center of the plant. When ripe the flesh is clear yellow, thick, and mild in flavor. Ripens in mid-season and is very productive. The green fruits are of a dark, glossy green color, making them very attractive. Being exceedingly smooth, heart-shaped, and of medium size, they are particularly suitable for stuffing. **Pkt., 15c; ¼ oz., 35c; oz., 85c; ¼ lb., \$3.50.**

**EARLY GIANT (Harris).** Combining extreme earliness and large size, we recommend the Early Giant as one of the best large, sweet red Peppers. A most prolific sort, often having 12 to 14 large fruits on a single plant. **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.**

**LARGE BELL or BULL NOSE.** A standard early variety and popular as a pickling sort; the pendent scarlet fruits are two inches in diameter, three inches long, and blunt ended; usually mild and sweet. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 80c; lb., \$3.00.**

**CRIMSON GIANT (Ohio Crimson).** The earliest of the very large sized Peppers, 4½ inches long and 3½ inches across at the top. Flesh is thick, firm and mild. Plants are 2½ feet high, more productive than Chinese Giant. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.40; lb., \$5.00.**

**CHINESE GIANT.** The largest mild Pepper in cultivation. It yields abundantly but it is not so prolific as Holmes' Prolific Pepper. The flesh is thick, very tender and sweet, and, being so large, makes an excellent mango for stuffing. The color is a brilliant scarlet when ripe. You should grow "Chinese Giant." **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00.**

**WORLD BEATER.** One of the very best of the large Peppers, being a cross between Chinese Giant and Ruby King, having the longer form and earliness of the latter with the size of the former. Fruits 4-lobed, 5 inches long by 3½ inches in diameter; flesh very thick and mild; exceedingly productive and a good shipper. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.**

**RUBY KING.** One of the most profitable and satisfactory varieties for the home or market garden; plants are early, productive, and of dwarf, compact, upright growth; fruits pendent, often 4 to 6 inches long by 3 to 4 inches thick, tapering, and of a bright ruby-red color; flesh is thick, sweet and mild. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., \$3.25.**



Holmes' Prolific Sweet Pepper.

**PIMIENTO.** Also called Sweet Salad, Glory, Sweet Meat. Very sweet. A splendid variety for filling, for salads, for flavoring. The plants are very prolific, the Peppers medium in size and heart-shaped. When ripe they are a brilliant, attractive red. Flesh is thick and mild. **Pkt., 10c; ½ oz., 25c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.**

**NEAPOLITAN.** A very early, productive, large variety, and one of the sweetest and most mild. Fruit of upright growth, 4 inches long and 2 inches thick, bright red. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.**

**SUNNYBROOK.** A tomato-shaped sweet, red Pepper of much merit. Fruit 3 inches in diameter by 2½ inches in depth, with thick flesh; very mild. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.**

**MAMMOTH GOLDEN QUEEN.** One of the largest of the sweet yellow Peppers; resembles Ruby King in size, form and mild flavor, but is a bright golden yellow color. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.**

## Pungent or "Hot" Varieties

**HUNGARIAN WAX.** This is an upright Pepper. In color, first green, changing to white, then to yellow, and finally to red when ripe. Can be used at any stage of growth, thus giving you four colors of Peppers from one crop, which can be picked and sold separately. The plants are very prolific. The flesh is thick and agreeably pungent. They are used mostly in the yellow stage of growth. **Pkt., 10c; ¼ oz., 40c; 1 oz., \$1.00; ¼ lb., \$2.75; lb., \$10.00.**

**LONG THICK RED.** Known among the Italians as the "Finger Pepper." A hot Pepper on the order of Cayenne, though much thicker, with a thicker flesh. Early and very prolific. Pods pendent, 4½ inches long by ¼ inch in diameter at top, red and pungent. Popular in many markets; early. **Pkt., 10c; ½ oz., 30c; oz., 60c; ¼ lb., \$1.60; lb., \$5.50.**

**LONG YELLOW HOT.** Fruit long, yellow, very hot. **Pkt., 15c; ½ oz., 25c; oz., 50c; ¼ lb., \$1.60; lb., \$6.00.**

**LONG RED CAYENNE.** A red hot variety. The slender, pointed, 4-inch pods taper from one-half inch to the point. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10; lb., \$4.00.**

There is No Place Like HOLMES  
For Seeds



## Pumpkin

One ounce will plant about 25 hills; 4 pounds will plant an acre.

Plant after the ground has become thoroughly warm in hills 3 feet apart each way, dropping 8 seeds to a hill. Cover firmly with one inch of soil. After plants are well started, thin to 4 to each hill. Pumpkins may also be planted in the corn-field, dropping 2 or 3 seeds in every third or fourth hill of corn. The Pumpkins should be gathered from the vine with the stem attached. They should be kept in a warm, dry, well ventilated place.

**SMALL SUGAR.** This variety is small, round, somewhat flattened, 8 to 10 inches in diameter, slightly ribbed, and of a deep orange color. The flesh is a rich deep yellow, fine grained and very sweet. Pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.25.

**KING OF THE MAMMOTHS or JUMBO.** The largest of all Pumpkins, often weighing 200 lbs. Shape flattened-round; skin light orange colored, slightly rough; flesh bright yellow, fine grained and of good quality. Pkt., 10c; oz., 20c; ¼ lb., 45c; 1 lb., \$1.50; 2 lbs., \$2.75; 5 lbs., \$6.35.

**PIE or WINTER LUXURY.** A superior pie Pumpkin; enormously productive and an excellent keeper; shape slightly oval, about 10 inches in diameter; flesh deep golden, sweet and tender. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25; 2 lbs., \$2.25.

**JAPANESE PIE.** A crookneck variety. The skin is a deep green with dark stripes; flesh is a deep yellow; very fine. One of the best varieties for pies. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25; 2 lbs., \$2.25.

**GREEN STRIPED CUSHAW.** A popular variety, with close-grained, sweet flesh. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**HUNDRED WEIGHT.** For fair exhibit, this is the one to grow. Salmon color outside, bright yellow flesh; very sweet and tender. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50.

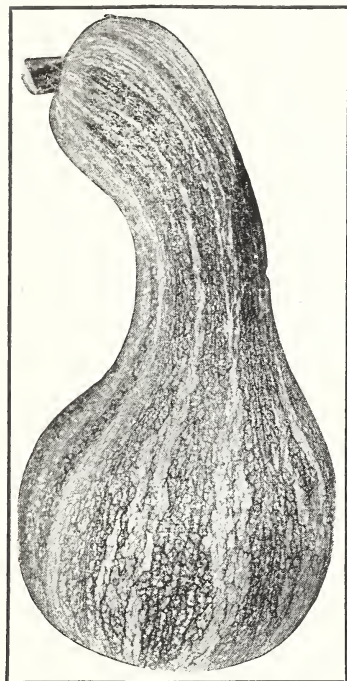
**LARGE CHEESE.** The fruits are large, flattened-round. The skin is mottled light green and yellow, changing to creamy yellow when mature. Flesh is yellow, tender and excellent. Pkt., 5c;

oz., 15c; ¼ lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.25.

**CONNECTICUT FIELD.** A very productive, large, orange colored field Pumpkin; a little deeper than round and slightly flattened. Extensively grown between corn for stock feeding; it also makes good pies. Flesh is deep rich yellow, fine grained, and highly flavored. Oz., 15c; ¼ lb., 25c; 1 lb., 75c; 2 lbs., \$1.40; 5 lbs., \$3.00.



Pie Pumpkins.



Green Striped Cushaw Pumpkin.

**MIXED PUMPKINS.** All shades, colors and sizes. This mixture is especially offered to those who wish to grow a collection of the different kinds of Pumpkins here listed for exhibition at county fairs, or for home use. All are good keepers, maturing small and large Pumpkins in 65 to 100 days. Oz., 15c; ¼ lb., 35c; 1 lb., \$1.00; 5 lbs., \$4.25, postpaid.

## Holmes' Early Scarlet Globe

America's Most Popular Radish

Since the introduction of a bright scarlet color in this variety its popularity has rapidly increased until today it is more generally used than any other sort. Very early bright rich red Radish, flesh pure white, extremely crisp and mild. It grows quickly and evenly, being ready for market in 25 days. Good for field culture or forcing. The strain we offer is exceptionally fine, of a perfect globe shape, color brightest scarlet, making a splendid appearance on the market. Tops are of medium size and uniform. It remains longer in condition for use than any other early radish. There is a diversity of types of Scarlet Globe on the market. If you want the best, try Holmes' Early Scarlet Globe. You will not be disappointed. Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00; 5 lbs., \$4.20; 10 lbs., \$7.50.



Holmes' Early Scarlet Globe Radish.



# Radish

One ounce will sow a row 100 feet long; 10 pounds to the acre.

For good, tender, well-shaped Radishes, you must have good, rich, deep, well-prepared soil. They cannot do well in hard, "clayey" soil. Sow the seed early and make other sowings every two weeks. This gives you fresh, tender Radishes all season. If too large a sowing is made at one time, they may get tough or pithy before all can be used. Sow the seed in rows rather than broadcasting it, for when sown in rows they may be kept clean of weeds. Rows may be made 4 or 6 or 12 inches apart, depending on the quantity you are growing. Sow seed thin enough so they do not need to be thinned out. Sow seed of Winter Radishes in July and August; then take them up before freezing and store in pits or cover with sand in the cellar, and they will keep finely all Winter.

**White Icicle** The finest flavored quick-growing Radish now in cultivation. The name is derived from the almost transparent whiteness of the root. If well cultivated, Icicle produces its  $3\frac{1}{2}$  to 4 inch cylindrical roots within 22 days from sowing. This means the acme of crispness. Leaves are short, roots exceedingly crisp and brittle, never becoming woody. Do not fail to plant White Icicle. You will not be disappointed. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00; 5 lbs., \$4.20; 10 lbs., \$7.50.

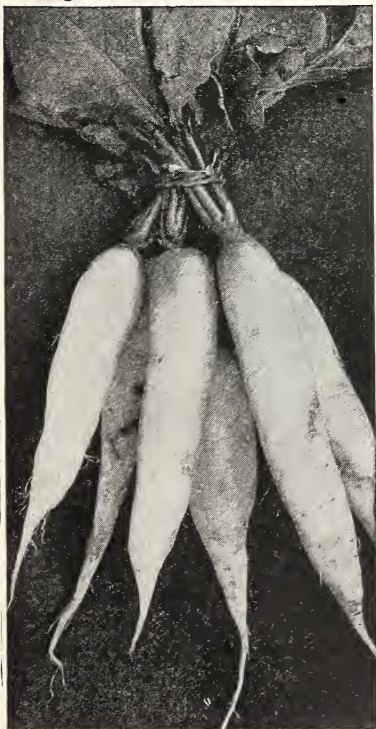
**SPARKLER.** Perfectly round or ball-shaped; upper half bright scarlet, lower half and tap-root clear white; very bright and attractive in appearance and largely grown for both market and home use. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25; 5 lbs., \$5.00.

## Collection of Radishes

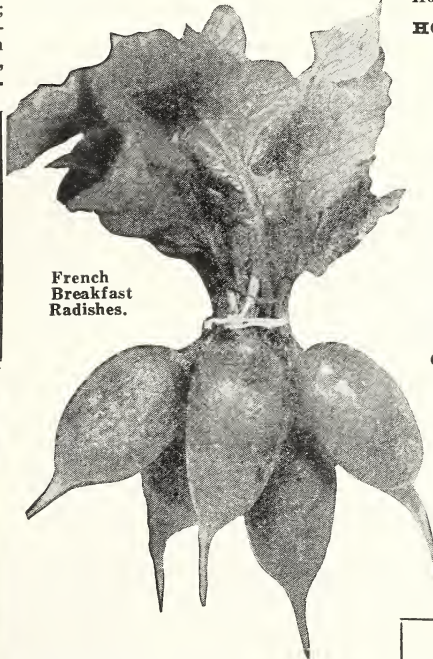
These collections contain the following: **Royal Red, Sparkler, and White Icicle.**

One packet each of the three varieties, value 30c, postpaid for ..... **25c**

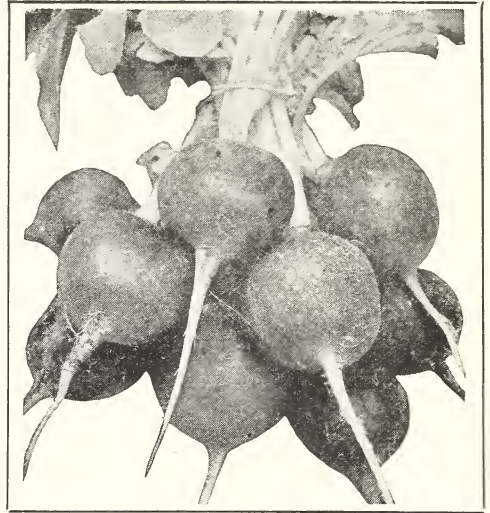
One ounce each of the three varieties, value 50c, postpaid for ..... **40c**



White Icicle Radishes.



French Breakfast Radishes.



Holmes' Royal Red Radish.

**HOLMES' ROYAL RED.** We recommend this as positively the earliest of all Radishes. When grown in the greenhouse or in hotbeds, it is ready to pull in 18 days after planting; when grown outside it is ready in 21 days. This splendid Radish is a very deep dark red. It is beautiful; perfect ball or globe shape, smaller than Scarlet Globe, tiny root, short tops yet plenty to bunch. In every way a quality product. Many buy it in lots and are having great success with it. Remember it is the first on the market. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50; 5 lbs., \$7.00; 10 lbs., \$13.50; 100 lbs., \$125.00.

**CRIMSON GIANT.** Maturing in about the same time as Early Scarlet Globe, this Radish produces roots nearly twice the size, of perfect globe shape, with white flesh and deep red skin. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25; 5 lbs., \$5.00.

**FRENCH BREAKFAST.** Olive-shaped; rosy scarlet with white tip. A quick-growing variety of excellent quality. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00; 5 lbs., \$4.50.

## Winter Varieties

### WHITE CHINESE or CELESTIAL.

An extra fine, white, cylindrical Radish often growing 12 inches long. When fully matured, roots will average from 6 to 9 inches long and  $2\frac{1}{2}$  to 3 inches in diameter. White skin; flesh pure white, compact, crisp. Plant during August. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**ROUND BLACK SPANISH.** Roots round, 3 to 4 inches in diameter, about 3 inches long. Skin black, flesh white, firm, very pungent, but finely flavored. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**HALF-LONG BLACK SPANISH.** Produces roots with grayish black skin, 4 to  $5\frac{1}{2}$  inches long, 2 to 3 inches in diameter. Flesh white, crisp, pungent, well flavored. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**ROSE CHINA WINTER.** Roots cylindrical, heavier at lower end, bright carmine; flesh white, crisp, firm, pungent; roots 4 to 5 inches long,  $1\frac{1}{2}$  to 2 in. in diameter. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**CINCINNATI MARKET.** The most select strain of the Long Scarlet Short Top type. The roots grow 6 to 7 inches long and are bright scarlet, slightly tipped white, with very brittle flesh. Our stock is very short-topped; excellent for both forcing and outdoors. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**WHITE STRASBURG.** Half-long and thick; skin and flesh white. An excellent sort for either Summer or Fall. Firm, crisp, and of mild flavor. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**MIXED RADISHES.** All Kinds, Colors and Shapes. This mixture contains a great variety. Just what is wanted for the home garden where the space is limited. One sowing is all that is required for a continuous supply, as they become ready for table use in 15 to 50 days. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.



## Rhubarb

One ounce to 150 feet of row.

The seed should be sown in a shallow drill. When well started, thin to stand 10 to 12 inches apart. The stalks should not be gathered until the plants have had a full season's growth.

**VICTORIA.** The most popular variety; comes true and yields heavily. **Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.75; 5 lbs., \$7.50, postpaid.**

### Rhubarb Roots

Young roots of Victoria, which, if planted in good soil early in the Spring, will make a strong growth and yield stalks for market the following Spring. The plants increase in size every year and will, with proper care, last for many years. Thick luscious stalks shaded bright crimson. **20c each; 5 for 75c; 10 for \$1.25, postpaid. By express, 100 roots \$7.50; 500 for \$32.50.**

## Salsify—Oyster Plant

One ounce will sow 50 feet of row; 8 pounds will sow an acre. Should be in every garden. Sow early in Spring, in rows 12 inches apart. Cover the seed firmly with ½ inch of fine soil; thin to 1 inch apart in the row. This is one of the most desirable Winter vegetables; the roots when cooked are very palatable and nutritious.

**MAMMOTH SANDWICH ISLAND.** Large, thick, smooth, white roots. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

## Spinach

One ounce will plant a row 100 feet long; 10 pounds to the acre when drilled.

Good rich soil is important to Spinach, both for its growth and in making the leaves more tender and succulent. Sow the seed in early Spring in rows 12 inches apart; cover it an inch deep. Many broadcast the seed, covering with a harrow or rake. Make a sowing every two weeks for continuous crops. Do not sow seed in dry weather; it will never come up. It must have a moist soil. Sow in September for Fall and early Spring crops. Use straw or "strawy" manure when really cold weather comes. Nitrate of soda is splendid to give rapid growth to Spinach.

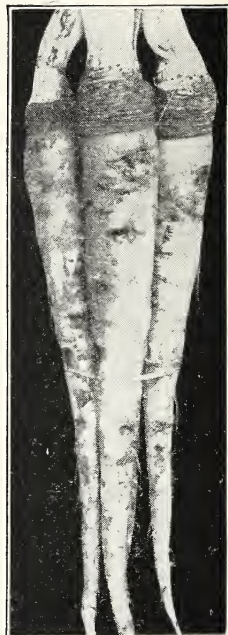
**PRINCESS JULIANA.** Large, Crumpled Dark Green Leaves, Suitable for Spring, Summer or Autumn Planting. The Princess Juliana Spinach is of the long season type with large, crumpled, rich dark green leaves. It is valuable either for Spring or Autumn planting. After testing this new variety for several years, we are convinced that the Princess Juliana Spinach will become the most popular variety on the market, not only for its rapid, uniform growth and delicious and tempting flavor; but also because it remains in prime condition longer before bolting to seed than any other sort. **Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 50c; 10 lbs., \$4.00.**

**BLOOMSDALE LONG STANDING.** It has been discovered by plant breeders that male Spinach plants are always first to bolt to seed. This strain has been selected and bred until it is almost entirely female plants, and consequently will stand two to three weeks longer than ordinary Bloomsdale. The plant is of strong, sturdy growth, the leaves dark green, very thick and crumpled. It is very hardy and of rapid growth. The broad crumpled leaves weigh heavily, making it an excellent market variety. The flavor is very delicate and pleasing. Under normal weather conditions, you will not be disappointed. **Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 35c; 10 lbs., \$3.00.**

**VIRGINIA BLIGHT-RESISTANT SAVOY.** As its name indicates it is resistant to blight, and should be used where blight is prevalent. The type, however, is not quite as uniform as the Bloomsdale. **Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 50c; 10 lbs., \$4.00.**

**KING OF DENMARK.** This is a variety of comparatively recent introduction, and seems destined to supplant older varieties for Spring sowing; because it is extremely slow to go to seed. It is very dwarf, and makes a wonderfully quick growth, setting an abundance of dark green tender leaves, distinctively crumpled. It is ready for cutting as soon as other varieties and we think it is a great addition to the list of vegetable greens. **Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 50c; 10 lbs., \$4.00.**

**GIANT THICK-LEAVED.** A large upright-growing, early variety with very thick, large, slightly crumpled leaves of medium green color. Fine for Fall and Spring sowing. A rapid grower. **Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 35c; 10 lbs., \$2.75.**



Sandwich Island Salsify.

**LONG SEASON.** An excellent second-early variety with small plants growing close to the ground, very dark green, thick, somewhat crumpled leaves—almost as crumpled as the Savoy-leaved—and short, fleshy stems. Does not readily crush. Will keep in the field in condition for a remarkably long time. **Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 35c; 10 lbs., \$2.75.**

**NEW ZEALAND.** A distinct Spinach differing from any of the true Spinach varieties. Thrives in hot weather and on any soil, rich or poor. The plant is of spreading habit, growing very large, with comparatively small, broad, pointed leaves. The tender shoots can be cut throughout the Summer and are of good quality. Soak the seed before sowing. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 75c; 10 lbs., \$7.00.**



Trial Showing Long-Standing Character of the Long-Standing Bloomsdale Spinach.



# Squash

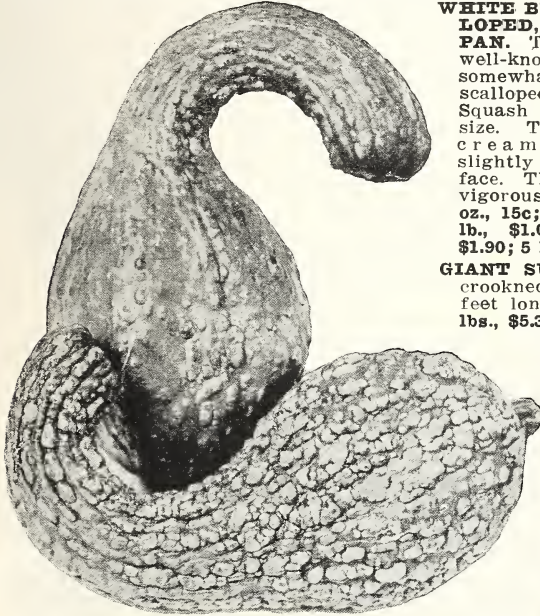
One ounce will plant 25 hills; 4 pounds to the acre.

Plant 8 or 10 seeds in each hill and have hills of bush varieties 3 to 4 feet apart and vining late sorts 6 to 8 feet apart each way. After danger of bugs is over, thin out all but four of the best plants. Before planting seeds, work manure in each hill. Winter Squash are also grown like pumpkins in the corn fields at the same time you plant the corn, in every fourth hill. Spray Squash vines with Pyrox to kill bugs and prevent blight.

**WHITE BUSH SCALLOPED, or FATTY PAN.** This is the well-known, early, somewhat flattened, scalloped bush Squash of medium size. The color is creamy white; slightly warted surface. The vines are vigorous. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00; 2 lbs., \$1.90; 5 lbs., \$4.45.

**GIANT SUMMER CROOKNECK.** The largest and earliest yellow crookneck. They are warty, deep orange color, and average 2 to 2½ feet long. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25; 2 lbs., \$2.20; 5 lbs., \$5.30.

**COCOZELLE, or ITALIAN VEGETABLE MARROW.** Fruits are 12 to 15 inches in length and 5 to 6 inches in diameter. An excellent Summer variety of bush habit. The skin is dark green, marbled with yellow, and has dark green stripes. Ready to use 55 days from planting. Flavor excellent. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25; 2 lbs., \$2.20; 5 lbs., \$5.30.



Giant Summer Crookneck.

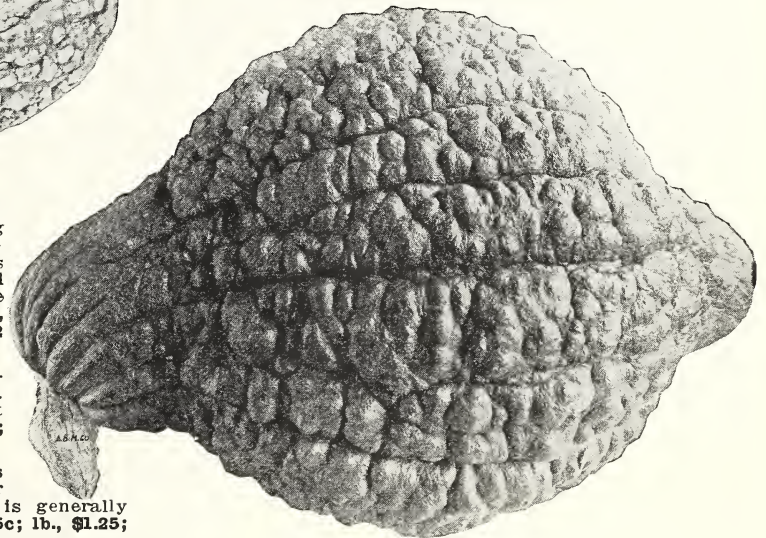
## Winter Squash

**DELICIOUS.** Fruits large, resembling the Hubbard in shape, with bronzy green skin and orange flesh, which is very thick, fine-grained, dry and sweet. A dependable Squash for late Summer and early Winter use. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25; 2 lbs., \$2.30; 5 lbs., \$5.50.

**BLUE HUBBARD.** (New). A large variety having a hard, blue-grey shell. It is a long-keeping sort and of finest quality. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.35; 2 lbs., \$2.50; 5 lbs., \$5.90.

**GOLDEN HUBBARD.** Outer color is bright orange-red, otherwise similar to Warty Hubbard, except that it is generally smaller. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25; 2 lbs., \$2.30; 5 lbs., \$5.50.

**NEW ACORN or TABLE QUEEN SQUASH.** Excellent for pies and keeps as well as Hubbard. Fruits are 5 to 6 inches long and 4 inches in diameter; smooth, dark green skin and thick orange flesh. Very prolific. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00; 2 lbs., \$3.80.



Improved or True Hubbard Squash.

**IMPROVED or TRUE HUBBARD.** Hard, tough, smooth shell of dark green color, and very rich, fine-grained tender flesh. Whether fruits grow large or small, they are equally desirable and there is no better sort to store for Winter use. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25; 2 lbs., \$2.30; 5 lbs., \$5.50.

**FORDHOOK.** A most delicious sort for both Summer and Winter use. The vines are running, very productive. Skin is smooth, straw yellow tint; meat is thick, creamy yellow, sweet and buttery. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.20; 2 lbs., \$2.20; 5 lbs., \$5.30.

## Swiss Chard

See page 9.



Acorn or Table Queen Squash.

On your recommendation I used "SACCO" fertilizer on my lawn. The results were very pleasing and far beyond my expectations. Very dry weather followed the application but the lawn remained much more green than those which were not so treated.—C. F. KAUFHOLZ, Ohio.



# Tomato

One ounce will produce from 1000 to 2000 plants.

Tomatoes do best on light, warm, not over-rich soil, and success depends largely upon securing a rapid, vigorous and unchecked growth during the early part of the season. Sow in hotbed or window box (where 60 degrees Fahrenheit is the minimum night temperature) in March, in rows 3 inches apart and 1½ inches deep. Cover firmly. Later sowings may be made to the end of April. When seedlings are 3 inches high, transplant to 4 inches apart each way either in other hotbeds, in cold frames, or singly in 3-inch pots. Harden plants by exposing to the air occasionally. After warm weather is settled, about May 15th in the latitude of Canton, set out plants 3 or 4 feet apart each way in hills. Water freely at time of transplanting and shelter from sun until well established.



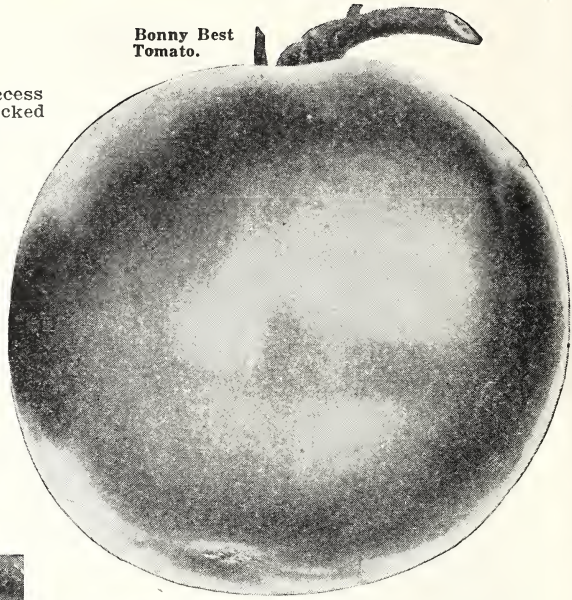
Holmes' Everbearing Tomatoes.

**HOLMES' EVERBEARING.** The Earliest, Largest, Most Prolific and Meatiest Red Tomato Grown. This wonderfully fine, prolific Tomato was introduced by H. L. Holmes in 1912. **Holmes' Everbearing** produces fruits that are large, smooth, nearly globular, deep red and bears throughout the season. These Tomatoes bear in clusters, and the beauty of it is that they all run about the same size and are free from the acidity so common to many Tomatoes. **Holmes' Everbearing** comes into bearing right after Earliana and keeps its size throughout the growing season. It is an excellent shipper. The seed cavities are small and we believe it to be the meatiest Tomato grown. Our own stock. **Pkt., 25c; ¼ oz. (about 2000 seeds), 40c; oz., \$1.50; ½ lb., \$5.00.**

**CHALK'S EARLY JEWEL.** Fine early canning sort. Of large size, fine flavor. Brightest scarlet; ripens up to stem without green core. Flesh thick, bright scarlet, solid, excellent flavor. One of the largest cropping, medium early varieties we grow. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$4.00; 2 lbs., \$7.40.**

**SPARKS' EARLIANA.** Extremely early and immensely productive. The fruits are crowded in clusters over the entire plant. Color is deep red. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.10; lb., \$3.50; 2 lbs., \$6.50.**

Bonny Best Tomato.



**BONNY BEST.** An excellent extra early, maturing between Earliana and Chalk's Early Jewel. Fruits are medium sized, bright scarlet, exceedingly smooth, round shape, and ripen evenly close up to the stem. A good variety for under glass. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$4.00; 2 lbs., \$7.40.**

**JOHN BAER.** A fine extra early round bright red, free from core, very few seeds, with a mild, sweet flavor, and ripening up to the stem. Vigorous and productive. Fine shipper. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$4.00; 2 lbs., \$7.40.**

**JUNE PINK.** Similar in every respect to Earliana, except in color, it being a flesh-pink. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; lb., \$4.50; 2 lbs., \$8.30.**

**LIVINGSTON'S GLOBE.** Large, purplish pink, very nearly round with a pronounced elongation at the flower end. Vigorous and productive. Fruits smooth, firm, solid, and mature earlier than most main crop varieties. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; lb., \$4.50; 2 lbs., \$8.30.**

**EARLY DETROIT.** A large early pink Tomato of vigorous growth. Nearly globe-shaped fruits of excellent quality. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; lb., \$4.50; 2 lbs., \$8.30.**



Beefsteak Tomato. (See page 35).



**OXHEART.** Because of its oxheart shape, large size, as well as its excellent table qualities, it is sure to come into great favor. Tomatoes weighing two pounds or more are quite common. It is not a heavy yielder, being similar to Ponderosa in this respect. This variety sells on sight. It has a pink skin, very thick flesh, and is almost seedless. The flavor is delicious. **Pkt., 20c; ¼ oz., 40c; oz., \$1.25; ¼ lb., \$4.20.**

**STONE, SELECTED.** One of the best late red canning varieties. Fruits are large, solid, flattened-round, smooth and uniform. Vines are large, strong and very productive. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; 1b., \$4.00; 2 lbs., \$7.40.**

**BEAUTY.** Large, purplish pink, smooth, round, uniform size and very solid. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; 1b., \$4.00; 2 lbs., \$7.40.**

**DWARF CHAMPION.** Stocky plants, maturing early and bearing a large crop of medium sized, smooth, purplish pink fruits. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; 1b., \$4.50; 2 lbs., \$8.30.**

**BEEFSTEAK.** The largest of the bright red Tomatoes and quite similar to Ponderosa, but of a scarlet-red color. The mammoth fruits are more or less ribbed. **Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$1.75; 1b., \$6.00; 2 lbs., \$11.15.**

**GARLAND.** This is a large, smooth, fine flavored Tomato; early, coming into market along with John Baer and Bonny Best. It is an excellent yielder, bearing continuously, and ships well. It is red in color and most attractive in appearance. **Pkt., 15c; ¼ oz., 30c; oz., 75c; ¼ lb., \$2.50.**



Marglobe Tomato.

**MARGLOBE.** This fine Tomato was developed by Dr. Fred J. Pritchard of the Bureau of Plant Industry, Department of Agriculture, and is without a peer in its class. Its ability to withstand wilt and other disease is as noticeable under glass as in the open, making it a fine forcing Tomato. It produces heavily and its rich scarlet color and large size give it a most attractive appearance on the market. In quality it is most attractive appearance on the market. In quality it is most excellent, being sweet and of the finest flavor. It is earlier than the Globe which it resembles, much more vigorous and a heavier producer. It matures in about 136 days. We strongly urge our customers to give this variety a trial, being convinced that once grown, you will not want to be without this fine variety. **Pkt., 15c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.40; 1b., \$5.00.**

**YELLOW PONDEROSA.** Similar in size and growth to Ponderosa; clear golden yellow; solid and mild in flavor. **Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75; 1b., \$6.00; 2 lbs., \$11.15.**

**PONDEROSA.** The fruits ripen early and it bears well until very late; very solid, almost seedless, of good sub-acid flavor and of immense size, frequently weighing more than two pounds. It is now producing a much smoother fruit than when first introduced. Good Tomato for home use; splendid slicer. **Pkt., 10c; ¼ oz., 30c; oz., 50c; ¼ lb., \$1.50; 1b., \$5.00; 2 lbs., \$9.25.**

Chalk's Early Jewel Tomatoes.

### Small-Fruited or Preserving Varieties

Used principally for preserves or eaten raw; all very sweet and mild in flavor.

**Price:** Each, pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; 1b., \$5.00.

Yellow Peach  
Yellow Plum  
Yellow Pear

Red Pear  
Golden Husk  
Mixed



Garland Tomato.





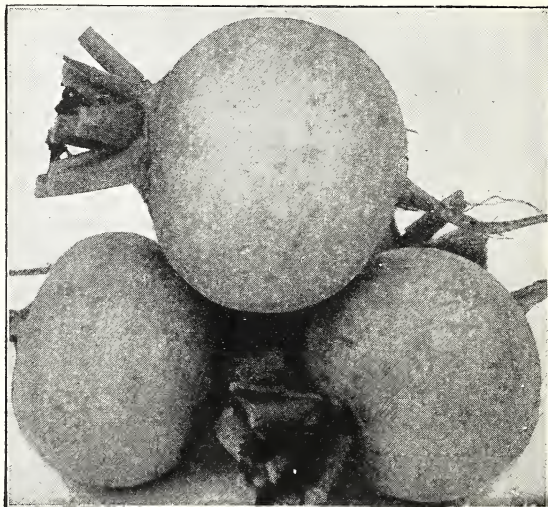
Purple Top White Globe Turnips.

## Turnip

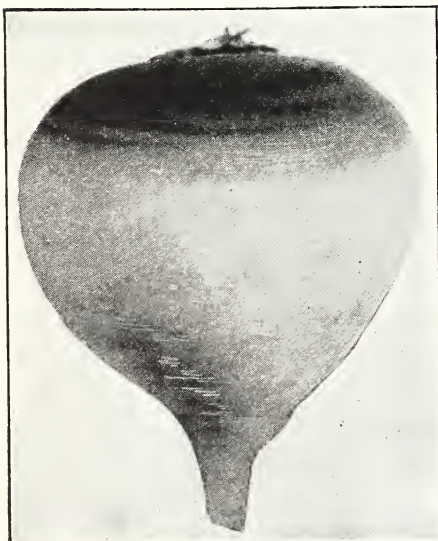
One ounce of seed sows 200 feet of row; 2 lbs. per acre.

To have Turnips early, sow seed in early Spring; for Winter crop, sow in July and August. Sow alone or in cornfields at last cultivation of the corn. Do not sow too thick; in small gardens thin plants to 4 inches apart. Do not make soil too rich. Where chicken manure or heavy applications of stable manure have been used, it has caused the growth principally of foliage with only a small thin root instead of the heavy globe root and medium foliage it naturally should produce.

**PURPLE TOP WHITE GLOBE.** This is a well known Turnip, also sold under the name of Red Top White Globe. The roots grow to good size, measuring 6 inches and more in diameter. They are nearly round in shape and show a rich purplish red color on the upper part of the roots which extends above the surface. The lower portion is creamy white. The flesh is white, firm, crisp and of remarkably mild flavor. **Pkt., 10c; oz., 15c; ¼ lb., 25c; 1b., 60c; 2 lbs., \$1.00; 5 lbs., \$2.20; 10 lbs., \$4.00.**



Amber Globe Turnips.



Improved American Purple Top Rutabaga.

**PURPLE TOP STRAP-LEAF.** This is surpassed in earliness only by the Milan. The roots are quite flat, 4 to 6 inches in diameter. The upper portion of the root is of a deep purplish red, the lower portion clear milky white. Fine grained, sweet and tender. Grown extensively for Fall and Winter use. **Pkt., 5c; oz., 15c; ¼ lb., 30c; 1b., 70c; 2 lbs., \$1.25; 5 lbs., \$2.80; 10 lbs., \$5.25, postpaid.**

**WHITE EGG.** Tops small, with distinctly cut leaves. Flesh pure white, very sweet, firm and mild. **Pkt., 10c; oz., 15c; ¼ lb., 30c; 1b., 70c; 2 lbs., \$1.25; 5 lbs., \$2.80; 10 lbs., \$5.25.**

**AMBER GLOBE.** Of large size and regular shape. The roots are almost round in outline. The skin is even and smooth, of a pale amber color. The beautiful creamy yellow flesh is fine grained and free from hard fiber. **Pkt., 10c; oz., 15c; ¼ lb., 30c; ½ lb., 45c; 1b., 75c; 2 lbs., \$1.35; 5 lbs., \$3.20; 10 lbs., \$5.60, postpaid.**

## Rutabaga (Swedish or Russian Type)

Rutabagas require a longer season for maturing, hence should be sown earlier than turnips, or about June 15th.

**IMPROVED AMERICAN PURPLE TOP.** One of the best and heaviest cropping sorts. It is of globe shape with a rich purple top and light yellow below the ground. The quality is fine; very tender, and without the stringy nature common in some sorts. A valuable stock food and is used as a table variety by many. **Pkt., 10c; oz., 15c; ¼ lb., 25c; 1b., 60c; 2 lbs., \$1.00; 5 lbs., \$2.20.**



# Seed Potatoes From the Rugged North

It pays to plant seed Potatoes that are grown in the North, where the rigorous weather makes them harder, causes them to mature quickly, and where the soil seems to be especially adapted to the growing of finest quality Potatoes.

Our Seed Potatoes are grown expressly for planting purposes, from stock seed of carefully selected mother plants, bred to perfection for **yield, purity and uniform size.**

Strong and healthy seed stock will produce larger yields, better quality and more uniform size. A change of seed is quite as necessary as change of soil. Why do the market gardeners of Maryland buy all their seed stock from the North instead of planting their own seed? Because in that way they get superior quality and larger yields.

Surely a slightly larger outlay at planting time is justified by the greatly increased yield and improved quality.

Our Potatoes are free from disease, true-to-name, and of the finest quality, and, if after you receive and examine the Potatoes, they are not absolutely satisfactory to you, return them immediately and we will refund the full amount you paid for them. We will not, however, be responsible for the crop, as too many other conditions over which we have no control, such as soil preparation, cold, moisture, weather conditions and insects, enter into final results of the crop.

**IMPORTANT!** The matter of obtaining good seed is more serious than the price this year. We advise you to order at once if you would be sure of having seed.

We will enter all orders received from January 1st on and hold them until weather conditions are such as to make it safe to ship. Then we will advise you that we are sending them.

**CULTURE.** You can grow Potatoes anywhere in good, rich, loose, well-drained soil. It requires 10 to 12 bushels (4 sacks) to plant an acre. A Potato can be cut in two, three or four pieces and each piece should contain two or three eyes. Plant these pieces 15 inches apart in the rows. First work the soil thoroughly, make rows 2 to 3 ft. apart for hand or horse cultivation; open a furrow 4 inches deep in each row; then put in your fertilizer (mix thoroughly with the soil) and plant the pieces in these furrows. Cultivate often and spray every ten days or two weeks with an insecticide to kill the bugs and prevent blight, and if lice get on the plants, spray quick and thoroughly with Black Leaf 40 (see page of insecticides). One peck will plant a row 100 feet long.

**Irish Cobbler (Pedigreed Stock).** The best early selling sort. It is the earliest standard white Potato, and is increasing in popularity yearly among the best Potato growers and especially among market gardeners. The tubers are uniformly smooth, round and plump; eyes strong and well developed. The flesh is white and of excellent quality, and may be used while the vines are still green.

**Early Ohio** Either for the family garden or for market, there is nothing to compare with the early Ohio. Round to oblong in shape, pink skin, white flesh of most excellent quality and extra early. Write for our Price List.

**Eureka Extra Early** It seldom fails to produce the largest crop of extra early Potatoes. The plant is dwarf and compact, and very resistant to blight. Tubers are round, white and of unsurpassed quality. We have yet to hear a single complaint as to this variety and advise a trial of the Eureka by everyone who wants an extra early crop. Write for our Price List.

**Triumph** The earliest in fact of all varieties. Largely grown now for market in the South and Southwest. The tubers are nearly round, smooth, medium in size, reddish pink in color. Write for our Price List.

**Carman No. 3** A round, white Potato of the Rural type and closely resembling it in yield and quality. We have clean, pure stock, all northern grown. Write for Our Price List.

**Rural New Yorker** This is one of the best varieties for main crop. The vines are of average size. It produces an extremely large crop of round, slightly flattened tubers, smooth, white-skinned, and very attractive in appearance. Its good quality is greatly improved when stored in a cool, dry cellar. When cooked it breaks up thoroughly, presenting a flaky, snowy appearance. Write for our Price List.



Field of Irish Cobbler Potatoes Being Inspected by Mr. H. L. Holmes.

**Early Rose** This standard variety has been a great favorite with planters for many years. Potatoes are long in shape, good size, and light pink in color, maturing in about 100 days. They cook mealy and are of the finest flavor. Write for our Price List.

**Michigan Russets (Certified).** This is the famous Russet Potato that has probably made more money for the farmer than any other variety. It is enormously productive, the tubers being as large as those of the Carman family, but where these varieties set only three to six tubers to the hill, under identical conditions, the Russet produces six, eight, ten and even twelve tubers to the hill. The vines are very robust and luxuriant in their habit of growth, a rich dark green in color, and completely covering the ground. The tubers are round to oblong in shape, of good size, with pure white flesh. The skin is russet, the eyes few and shallow, and the quality either baked or boiled cannot be excelled. Our Russets are grown in Michigan from pure Inspected Certified Seed, absolutely free from scab or disease. Whether you are growing Potatoes for your own use or for market, you will make no mistake by planting Russets, as in quality and yield they are without a peer. A yield of 400 bushels per acre is not uncommon for Russets. Our stock is choice, medium sized tubers. Write for our Price List.

**Early Six Weeks** For those wanting a strain for early home and market use, we urge a planting of the Early Six Weeks. The tubers are medium to large in size, oval shape, reddish color with shallow eyes. We advise early orders while our stock is complete. Write for our Price List.

## Seed Sweet Potatoes

We can supply you from our grower with the choicest and best of seed.

**NANCY HALL, also SOUTHERN YAMS.** Write for Price List on bushel hamper.

## Sweet Potato Plants

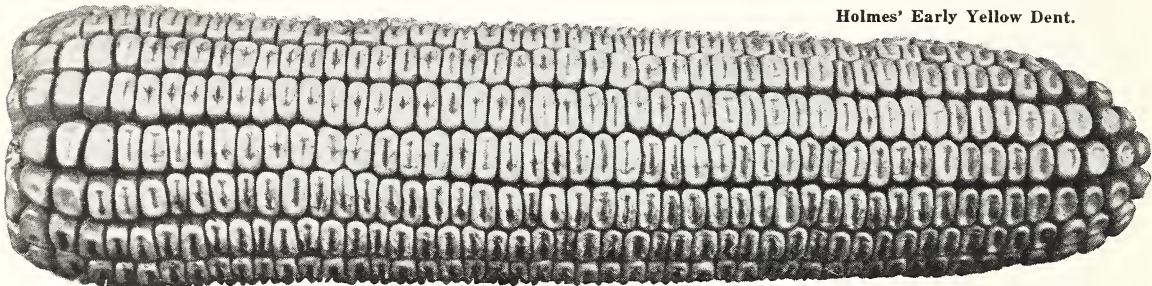
For the best, early extra fine strain of Sweet Potato Plants, let us fill your order for any quantity desired. Ready about May 1st.

Price, 100 for \$1.00; 1000 for \$6.00, postpaid. Write for prices on larger quantities.



# Holmes' Northern Grown Seed Corn

The progressive farmer is fully aware that it pays in dollars and cents to plant seed of **known origin** only. He knows that good Seed Corn is the prime requirement of a good crop. With poor, cheap seed, time, labor and fertilizer are wasted and no extra cultivation can make up the lack. Our Corn has all been grown especially for seed. It has been well cured and is true to name and type. It costs no more in labor, time and fertilizer to grow a bumper crop than a poor one. The difference in price between good seed and poor seed is made up many times over in the increase in the crop harvested.



Holmes' Early Yellow Dent.

## Holmes' Early Yellow Dent

We were swamped with orders for this popular early Corn last year, and many of our good friends were disappointed, as our large supply was sold out quite early. **Holmes' Early Yellow Dent** has broad, deep grains of a beautiful golden yellow color. It produces a crop of the most perfectly uniform ears, and has averaged 70 bushels of shelled corn per acre. Why not grow Holmes' Early Yellow Dent and **double your profits?** Holmes' Early Yellow Dent is a good-sized ear yet matures in 90 to 100 days. The ears are 10 inches long with 14 rows of long, broad grains. It is without question, one of the most valuable early yellow dent Corns. In Ohio it produces a greater number of bushels to the acre than any of the average yields of other varieties. The stalks grow from 8 to 10 feet high, giving an immense quantity of fodder. If you want something you can depend upon for maturity and yield, then grow **Holmes' Early Yellow Dent**. Remember, it takes no more seed, no more work in preparing the soil, planting and cultivating to grow a **big crop of Holmes' Early Yellow Dent** than it does to grow an ordinary crop of common Corn. The surest way to make farming pay you profits is to plant seed that will produce **larger crops**. Hundreds of farmers who planted Holmes' Early Yellow Dent for their main crop last year told us they grew one of the finest crops and finest quality Corn they ever grew in all the years they have farmed. **Remember**, our Seed Corn is grown from the most carefully selected seed stock, of strong, vigorous germination. You will not regret it if you plant **Holmes' Early Yellow Dent**. (Write for Seed Corn Price List).

## Ohio Improved Clorage

Here is a great Corn. It suits our farmers. and is now one of the most popular varieties in Ohio. It is early, ripening in about 100 days, grows just an average size stalk. **Improved Clorage** was used by Mr. Ira Marshall of Harding County, Ohio, in producing the world's record crops of 160, 168 and 157 bushels per acre on ten acres, in 1925, 1926 and 1927, respectively. The Clorage variety is now recommended by the Farm Crop Department of the Ohio State University, as being one of the varieties best adapted to all soils of the state. We recommend it as one of the most satisfactory all-around Corns. It produces an immense amount of shelled Corn to the acre, on account of its unusually deep kernels. Ears are of medium size, 16 rows of deep, wide kernels. The cob is small, guaranteeing a high feeding value, and good shelling percentage. Will it pay to plant our **Pure-bred high-yielding Improved Seed** which is reasonably sure, in a normal year, to make you a crop of from 70 to 100 bushels per acre? If you want something to make you money, get our stock. (Write for Seed Corn Price List).

## Longfellow Flint

A large, eight-rowed yellow Flint sort. Adapted for the Northern states. Write for prices.

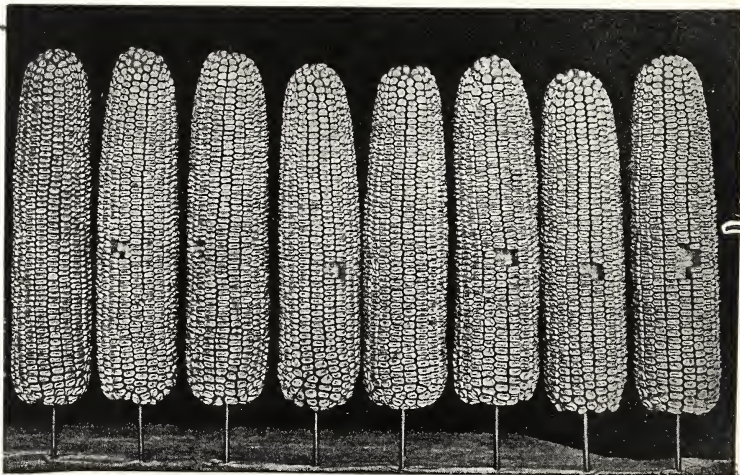
## Sweet Corn Fodder

Best for cutting and feeding green during the Summer months. It is so very sweet and nutritious that cattle will eat every part of the stalk. Drill thickly, in rows 3 feet apart, using 1½ bushels of seed to the acre. Write for prices.

## Woodburn's Yellow Dent

This Corn has a beautiful deep orange color, a fairly wide kernel well set on the ear. It has a medium sized ear and stalk. One of the leading features of this sort is its large yield of shelled Corn per acre. It will cost you about 30 to 35 cents per acre more to use good tested Woodburn's Dent than ordinary seed at feed prices. We can state that it will produce 25 to 30 bushels per acre more than the average seed. You can not afford to plant anything but the best seed money can buy. (Write for Seed Corn Price List).

*The best corn ever raised on my farm was grown last year from your Holmes Early Yellow Dent. It matured early and eared up exceptionally well.*—  
S. B. MERRYMAN, Carroll Co., Ohio.



Ohio Improved Clorage.



# Holmes' Famous Tested Ensilage Corn

## Holmes' Champion Yellow Ensilage

### THE CHAMPION SILAGE CORN

This Corn is wonderfully productive because of its great height, heavily bladed, and the number of ears it carries. It is grown in Pennsylvania, in the fertile Cumberland Valley, known the world over as the home of Champion Corn. This Corn will produce stalks 12 to 16 feet in height in Ohio, with two to three ears to a stalk, producing 14 to 18 tons of silage per acre. Fill your silo with **Holmes' Champion Yellow Ensilage**. Feeders, it will pay you to get our seed. This Corn is of medium maturity. It can be grown in any latitude. No other Corn adapts itself so readily to local conditions. It is the earliest large-ear silage Corn grown. It is replacing other sorts due to the tonnage of leaves and ears. **Holmes' Champion Yellow Ensilage** is graded and tested, ready for the planter. You will be more than satisfied if you plant the Champion Silage Corn. Write for our Price List.

## Holmes' Big Golden Ensilage

### "A WONDERFUL SILO FILLER"

Decidedly the largest and best Corn to grow for leaves and ears. Absolutely drought-proof, Pennsylvania grown. The stalks attain a height of from 12 to 15 feet, with thick, strong foliage. The ears are 10 to 12 inches in length, the majority of them having 18 rows of deep, broad grains of a rich golden yellow color. It is an extremely heavy cropper, ranking with any of the southern grown ensilage. **Holmes' Big Golden** will give a better crop on poor or light soil than almost any other sort. Since this Corn was first put on the market in this section, it has been steadily and consistently growing in popularity. The progressive farmer cannot afford to be without **Holmes' Big Golden Ensilage**. Write for prices.

## Lancaster County Sure Crop

Originated by Ezra Hershey, in Lancaster Co., Penna. This Corn is a very dependable variety to mature under the most unfavorable growing conditions. It matures early, the ears are very long, and the rich yellow grains are of uniform width and length. Our seed is grown for us in Pennsylvania by a Seed Corn specialist, and can be relied upon for purity and quality. **Lancaster County Sure Crop** averages 12 feet in height, is very leafy and withstands drought and develops Corn well to the North. Matures in about 105 days. It is recommended by farm agents throughout the state of Pennsylvania. Our seed is extra choice. Write for prices.

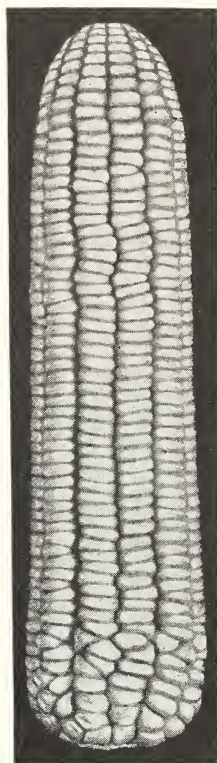
## Eureka Ensilage

Grows very tall, leafy; one of the most productive, both in growth of fodder and grain of many of the standard varieties. Originated in Virginia and our stock is grown there. We can assure you Corn of strong germination. Write for prices.

## Holmes' Ensilage

### (Known as Blue Ridge)

Early, grows tall, leafy, full-eared. This is an improved strain, originated in the Blue Ridge Mountains of Virginia, and will outyield all other southern ensilage from a standpoint of tonnage, height and quality of fodder. We know an untold number of dairy farmers claiming that they have never seen such tremendous growth, ranging from 14 to 16 feet in height. On account of its being grown at a high altitude and away from other sorts, it is earlier than other southern-grown ensilage. **Holmes' Ensilage** is very prolific, producing many large ears and makes the heaviest and thickest fodder of any early southern ensilage. Our seed is grown especially for us, selected and cured, and we know it is of highest germination, strong and vigorous. You will make no mistake in planting **Holmes' Ensilage**. It requires one-fourth bushel to plant an acre for ensilage. Write for prices.



Holmes' Ensilage Corn.

## Old Virginia Ensilage

Is one of the most popular and satisfactory of all ensilage Corn. Grows to a large size, is very leafy and well adapted for ensilage. There is no Corn more difficult to cure or keep properly. Our stock is carefully selected and dried. We can assure you high germination. Write for prices.



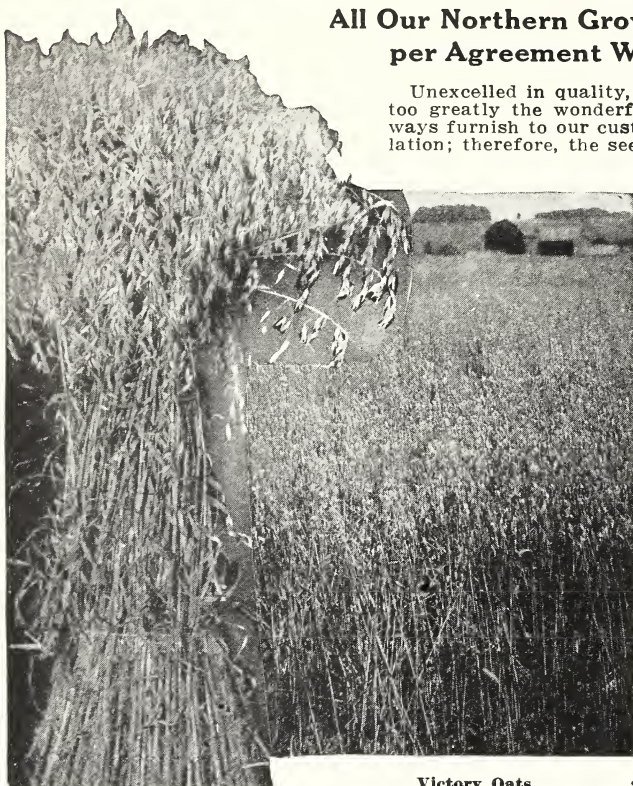
Mr. Norman Rishel, a Successful Pennsylvania Farmer, and Some of His Big Golden Corn.



# Holmes' Northern Grown Farm Seeds

All Our Northern Grown Farm Seeds are Sold Under Test as per Agreement With the Department of Agriculture

Unexcelled in quality, there are no better seeds grown. We cannot stress too greatly the wonderful excellence of **Holmes' Seeds**. It is our aim to always furnish to our customers better seeds than required by government regulation; therefore, the seed law is no handicap to us, but rather a benefit, as it requires those who perhaps would not be so scrupulous to refrain from selling seeds that are not up to standard. **Holmes' Seeds** are grown on tracts free from weeds and foreign seeds and are cleaned for seed stock. We spare no effort to make **Holmes' Seeds** such a standard of excellence that they may well be an example for others to attain.



Victory Oats.

## Soy Beans

Relished by All Livestock.

Soy Beans are a sure crop everywhere, can be grown wherever corn can be grown, in practically every soil. They must not be planted in cold, wet weather, but when planted at the right time they may be depended upon to make a crop. The mature Soy Bean plant, if inoculated, contains more protein than any other legume. For soil improvement, where quick results are wanted, the Soy Bean is the most useful legume crop. As a cultivated crop, they are usually grown with corn, this combination making it possible to grow a legume for soil improvement on every acre every year, the corn and Soy Beans being followed by small grain with clover. Good seed is essential to success. Plow the ground early and work it often. Sow when the ground is warm in a mellow soil. Then plant good seed, inoculated, not too deep, and you are practically sure of success. When grown for seed, it requires 2½ pecks drilled or 5 pecks sown solid; for hay, 6 pecks per acre solid, or for silage, 4 to 6 lbs. per acre when sown with corn. 60 pounds per bushel.

**MANCHU.** Matures in about 110 days and is the most popular early variety. Plants erect and bushy, producing large crops of dry forage and seed. Seed light yellow with a black scar. Highly recommended. Write for Price List.

**ITO SAN.** This also matures in about 110 days and resembles the Manchu in general habit of growth and color of seed. It is not quite so tall and bushy as the Manchu. Ito San is good for hay and silage, and produces an abundant crop of seed. Write for Price List.

**MIDWEST or HOLLYBROOK.** Matures in 115 to 120 days. The most popular variety for hay, seed or ensilage wherever the seasons are long enough to mature it. Plants large and erect. Seed yellow with light brown blotch. Should not be confused with the ordinary or Southern Hollybrook, which is much later. Write for Price List.

**WILSON.** Commonly called "Black Wilson" because the seeds are pure black. Matures in about 120 days. Plants tall and slender, ideally suited for hay and widely grown for that purpose; also for ensilage, with corn, in the southern and eastern sections of the Corn Belt. Write for Price List.

## Seed Oats

To grow Oats at a profit, it is necessary to change seed often and plant only good, clean, high-yielding varieties. The slight difference in price is made up many times over by the great increase in the harvest. Oats should be sown early in Spring, either drilled or broadcast, using 65 to 90 pounds to the acre.

**VICTORY.** This has proven very successful in Ohio. It is a branching or tree Oat with a thin white hull. It ripens early, and gives a bounteous yield. It has a strong stem holding up well under adverse conditions. Both for quality and yield this Oat is to be most highly recommended. It will succeed where many others fail. Write for our Price List.

**IMPROVED WHITE RUSSIAN.** This is the genuine side Oat sometimes called Horsemane Oats. It yields well on any soil. It has proved a winner in Ohio, Pennsylvania, New York and almost all states both for yield and quality. This ripens medium early, has a plump white kernel with a thin hull, making an exceptionally fine feeding Oats. Has a very strong, stiff straw that stands up until cut, and is very rust-resistant.

Our seed is northern grown. **Improved White Russian** has proved its worth to thousands of progressive farmers. Give it a trial and be convinced. Write for our Price List.

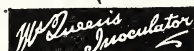
**MIAMI.** This Oat originated by the Ohio Experiment Station has made a remarkable record throughout the northern half of Ohio, and is rapidly forging ahead in that section. It is an excellent branching or tree sort. The grain is large, white and plump. It is a strong grower and a tremendous yielder, is early and ripens evenly. Does well on light soil. The seed we offer is beautiful in appearance and of strong germination. Write for our Price List.

## Inoculation

The Cheapest and Easiest Way of Improving the Soil and Increasing Crops.

Nitrogen is one of the most valuable fertilizers, and the cheapest way of supplying it is by growing the legumes, such as Clover, Alfalfa, Soy Beans, Vetch, etc. But these plants must be assisted by nitrogen-fixing bacteria known as inoculation. Be sure and state the kind of seed you wish to treat, as different plants require different types of bacteria.

Nod-o-Gen (In Jelly) or



FOR CLOVER AND ALFALFA

½ bu. size, treats 30 lbs seed.....	\$0.50
1 bu. size, treats 60 lbs. seed.....	1.00
3 bu. size, treats 180 lbs. seed.....	2.50

**SOY BEANS, VETCH AND OTHER PEAS AND BEANS**

1 bu. size, treats 60 lbs. seed.....	\$0.50
2 bu. size, treats 120 lbs. seed.....	1.00
3-2 bu. size, treats 360 lbs. seed.....	2.50
6-2 bu. size, treats 720 lbs. seed.....	4.50

**GARDEN SIZE**

For Garden Peas, Beans, Sweet Peas and Lima Beans. 25c.

OWING TO MARKET CONDITIONS IT IS IMPOSSIBLE TO GIVE FIRM PRICES ON FARM SEEDS. IF INTERESTED, SEND FOR OUR FARM SEED PRICE LIST.



# Holmes' Fancy Alfalfa Seed

**Genuine Certified Grimm Alfalfa** Where is required that will have to withstand extreme cold weather conditions, or much of the adverse freezing and thawing, Grimm is becoming a favorite. It is about the least likely to winter-kill of any of the Alfalfas.

This offers you genuine Grimm certified Alfalfa seed—grown in Idaho, certified by the State Authorities and sealed. The Grimm Alfalfa seed generally produces plants with the crown type of roots and a more spreading root system

than other Alfalfa. It is claimed that Grimm will thus outlast other strains. Grimm produces fine results. Sow 10 to 15 lbs. per acre. 60 lbs. per bushel. Write for Price List.

**INOCULATE**  
THIS SEED WITH  
**NOD-O-GEN**

## Canadian Variegated Alfalfa

It is somewhat similar to the Grimm type, and costs much less. Has proven very resistant to cold. In New York, Ohio, New England States, and upper Pennsylvania, it has proven very hardy indeed. Demonstrations made by Cornell University (N.Y.), over a wide range of soils and climatic conditions in New York State showed this strain to almost equal Grimm in both hardiness and production. It has been grown successfully in Ontario, Canada for forty years. Write for Price List.

## Northwest Alfalfa

It is recommended unconditionally as the choicest seed possible to secure. It is the cleanest, brightest and strongest seed from the Northwest. Only a strong, vigorous strain can endure the severe climatic conditions of those northern seasons. Feeble plants can't live there. Therefore, the seed matured is hardy. Write for Price List.

## Montana Alfalfa

Our genuine Montana Alfalfa is northern grown and able to withstand the rigorous Winter weather. In hardiness and productiveness it stands next to Grimm and Canadian Variegated. Do not be deceived by appearances, as southern seed looks as good as northern grown, but pin your faith to a reliable seed house that stands back of the seed it sends out. Write for Price List.

# White Blossom Sweet Clover

**The Great Soil Builder, Pasture and Hay Crop.**

Sweet Clover is now one of the leading crops throughout all the states. It is here to stay and is taking a place in importance right along with Red Clover and Alfalfa. Here are some of the reasons why it is so valuable:

**First—Easily Grown.** It grows readily on most all soils and good stands can often be secured where Red Clover and Alfalfa fail entirely.

**Second—Prepares for Alfalfa.** It has the same sort of bacteria laden nodules as alfalfa and inoculates for that crop.

**Third—A Great Pasture Crop.** It can be pastured while alfalfa cannot. Farmers are very enthusiastic over Sweet Clover as a pasture crop.

**Fourth—Wonderful Soil Builder.** It is a better soil builder than either Red Clover or Alfalfa, because it grows faster and larger, and the roots penetrate deeper into the soil.

**Fifth—Good Hay Crop.** It produces valuable hay, almost equal in value to alfalfa hay and all stock learn to like it.

Sweet Clover is best sown in the Spring with one bushel of extra early oats per acre as a nurse crop. Sweet Clover can also be sown successfully in June or July without a nurse crop. Inoculate the seed before sowing. Use lime if your soil is sour. Be sure to have a good seed bed. Most any well drained soil is all right for Sweet Clover and you will be pleased with the crop if you do your part in putting it in and handling it right. Sow 10 to 15 lbs. per acre. 60 lbs. per bushel. Write for Price List.

## Yellow Blossom Sweet Clover

This is the large strain of Yellow Sweet Clover; biennial, the same as the Common White. Some say it is better for hay. Write for prices.

## Sudan Grass

**Is Drought Resistant and Stands Grazing Well.**

The cost of seeding is low. It is adapted to any soil and to most climates. It stands more hot weather than any other crop. Can be planted in the North after June, and makes two to three cuttings of hay, or grazed all Summer and Fall. It can be planted very late and makes a splendid catch crop in 35 to 60 days before frost. Makes a



Holmes' Genuine Certified Grimm Alfalfa.

sure, good pasture within 40 days and a cutting of hay in 50 to 60 days. It makes its best growth in hot Summer weather when other pastures fail. It yields a heavy, leafy, fine-stemmed hay crop, that is easily and quickly cured, and is easy to handle. It is relished by all livestock and has a high feeding analysis.

**Sudan Grass** can be sown either broadcast or planted with a drill. On light soils or in dry sections, drilling in rows 18 to 36 inches apart and giving a few cultivations prove best. Sown in this manner, it will take 10 to 15 pounds of seed per acre. On fairly fertile soils sow broadcast or drill solid 20 to 30 pounds per acre. Write for Price List.

## Holmes' Superior Clover Seeds

There are five reasons why you should grow Clover, especially Red Clover, as that is our main Clover crop.

1.—It makes one of the heaviest and best quality hay crops.

2.—It is one of the best pasture crops we can grow.

3.—The seed crop is a very valuable cash crop.

4.—It fits into the crop rotation better than any other legume.

5.—A heavy nitrogen gatherer, it adds this free nitrogen to the soil and builds up the fertility.

**RED CLOVER.** Sow 8 to 12 lbs. to the acre. This is the Common Red Clover so largely grown.

**MAMMOTH OR PEA VINE.** Also called Sapling. Sow 8 to 12 lbs. to the acre. This grows with a leafier stock than the medium. It yields enormous bulk.

**ALSIKE OR SWEDISH.** Sow 4 to 6 lbs. to the acre. Grows equally well on wet or dry soils. Very hardy.

**CRIMSON OR SCARLET.** Sow 10 to 15 lbs. to the acre. Excellent for green manure and cover crop. Fine for hay if cut when in blossom.

**WHITE DUTCH.** Sow 3 lbs. per acre with other grasses. Best for permanent pastures and lawns.



## Holmes' Recleaned Grass Seeds

**TIMOTHY** (*Phleum pratense*). Good seed is important for high yields and clean fields. The seed we offer any farmer would be proud to sow. Sow 8 to 10 lbs. per acre. Sown in Spring with clover one bushel to six acres. 45 lbs. per bushel. Write for Price List.

**KENTUCKY BLUE GRASS** (*Poa pratensis*). For pasture and lawn it is unequalled. We do not handle cheap, light seed full of chaff and weeds. The standard weight per bushel is 14 pounds, but our pure recleaned seed runs 21 to 25 pounds. Sow 20 to 30 lbs. per acre. Write for prices.

**RED TOP** (*Agrostis vulgaris*). A wonderful grass to sow for hay and pasture. Does especially well on moist soils. We have the cleanest and purest seed obtainable. Sow 6 to 8 pounds per acre. 32 lbs. per bushel. Write for Price List.

**CANADIAN BLUE GRASS** (*Poa compressa*). Is an excellent grass for dry, sandy, thin soils and banks. Sow 20 to 30 pounds to the acre. 14 lbs. per bushel. Write for Prices.

**ORCHARD GRASS** (*Dactylis glomerata*). Does well in shady places and is splendid for pasture mixtures. Grows quickly. Sow 21 to 25 pounds per acre. 14 lbs. per bushel. Write for Price List.



## Wisconsin Pedigree Barley

The World's Champion Barley.

We offer Wisconsin Pedigree, the greatest of all six-rowed bearded Barley. There is really only one variety of six-rowed Barley in the world now worth considering—Wisconsin Pedigree. It is by far the best. Forget everything else. This Barley is the result of 12 years of painstaking breeding work carried on by Prof. R. A. Moore, Agronomist at the Wisconsin College of Agriculture. This Barley outyields all others, has a very stiff straw, standing up better than any other; has great vigor of growth, being taller than other Barleys. Barley needs a good fertile soil, clay or loam, for best results. It is seeded just after oats, as early in the Spring as possible. If drilled, use 1½ to 1¾ bushels per acre. As a nurse crop for Clover or Alfalfa, there is no better crop to plant than Barley. It is not apt to lodge and smother out the new seedlings as is oats. For a nurse crop where the new seedling is of most importance, sow not over 1¼ bushels per acre. 48 lbs. per bushel. Write for our Price List.

## Spring Rye

Spring Rye is entirely distinct from Winter Rye. It can be sown in the Spring a little later even than most other Spring grain and a crop harvested the same season. There is more and more demand for the seed each year, as farmers are finding out the value of this crop. Sow 1½ bushels per acre. 56 lbs. per bushel. Write for our Price List.

## Millets

**GOLDEN OR GERMAN MILLET.** The most popular of all the Millets. Of late years often called Golden. German Millet is a tall growing variety with large, stout stems, leaves broad and stiff. The seed heads are usually about an inch in diameter, of good length and well filled out with seed. For seed sow 30 pounds and for hay sow 50 pounds per acre. 50 lbs. per bushel. Time to sow, late May to early July. Write for our Price List.

**JAPANESE MILLET** (Billion Dollar Grass). Japanese Millet is a remarkable forage plant. It is adapted to all sections; does especially well on low ground; produces a crop in a very short time; is relished as hay by stock of all kinds, or, if allowed to ripen, will produce a heavy yield of seed; fine for feed. If desired for hay, cut just before it heads out, or it can be left to ripen and threshed for the seed. Sow in May or July, 15 to 20 pounds per acre. 35 lbs. per bushel. Write for our Price List.

**HUNGARIAN MILLET.** Sometimes incorrectly called "Hungarian Grass." An early variety best adapted for planting in the eastern-central states. The hay is of excellent quality and the yield, under good conditions, averages 2 to 2½ tons per acre. For seed sow 30 pounds and for hay 48 pounds per acre. 48 lbs. per bushel. Write for our Price List.

## Dwarf Essex Rape

The Perfect Hog and Sheep Feed.

Recent experiments have shown that it is a more efficient and economical forage for fattening hogs than Blue Grass, Clover or Alfalfa. It is valuable for fattening lambs at weaning time. Since it is usually ready for use in 8 to 10 weeks from sowing, it is commonly grown as a catch crop, but deserves to be grown more widely and as a part of the regular cropping system on stock and dairy farms. It will stand more cold weather and last longer in the Fall than any of the grasses. An acre of Rape pasture may be estimated to carry 18 to 24 full fed pigs from June until close of grazing season. Sow Rape on richest and most fertile soil, using 5 to 8 pounds of seed per acre, if broadcasted, or 4 to 5 pounds if drilled. Plant after April first or later. 4 to 5 pounds of sweet clover seed may be mixed with the rape with good results. 50 lbs. per bushel. Write for our Price List.

## Sorghum—Sugar Cane

**EARLY AMBER.** The choicest variety and best for syrup. Also excellent fodder for horses, cows, hogs and sheep. This is the earliest and richest strain for northern latitudes. Sow in May and June. Requires 40 to 50 pounds of seed per acre broadcast; in drills, 15 to 20 pounds. 50 lbs. per bu. Write for our Price List.

## Cow Peas

A valuable legume for pasture, hay or improving the soil. Also splendid for silage—all stock eat it. Can be planted in June. In drills 45 pounds, or broadcast 75 to 90 pounds per acre. 60 lbs. per bushel.

**WHIPPOORWILL.** Our Whippoorwill variety is best for the northern states. Write for our Price List.

## Field Pumpkins

See page 30.

## Winter, Sand or Hairy Vetch

The Great Soil Builder and Cover Crop.

Vetch is the crop to make soils fertile and keep them so. It grows well on land where clovers do not thrive, and takes the place of these useful legumes. Vetch lives over Winter, making good Fall and early Spring pasture. It is a great crop to sow in the Fall to prevent leaching of the soil and wasting of plant foods. Plowed under in the Spring for corn, it will add many bushels to the yield. Vetch is usually sown from June to September, mixed with Fall rye, which holds up the Vetch plant. 20 pounds of Vetch is sown with a bushel of rye, but if a heavier stand is desired, sow 20 to 25 pounds. Winter Vetch can also be sown in the Spring with oats or any other Spring grain, and will furnish early Fall pasture, after the grain is cut. Inoculation increases the yield. The feeding value of Vetch is equal to Alfalfa. We have only the best quality pure Winter or Hairy Vetch. 60 lbs. per bushel. Write for our Price List.

## Mammoth Russian Sunflower

A great food for poultry and hogs. Also grown quite largely now for silage. Also for sheep pasture. It makes a larger amount of feed than ensilage corn and is superior in feeding value to corn. Sow 6 to 8 pounds per acre. 24 lbs. per bushel. Write for our Price List.

## Broom Corn

**IMPROVED EVERGREEN.** The best variety for brooms. Brush long and straight; bright green color. Highest quality of seed. Drill 15 pounds per acre and cultivate. 45 lbs. per bushel. Write for our Price List.

## Canada Field Peas

One of the best hay and silage crops. Usually sown with oats, which makes a rich, nutritious hay. Splendid to cut and feed green. Sow 60 to 90 pounds of Peas to 64 pounds of oats early in the Spring. 60 lbs. per bushel. Write for our Price List.

## Japanese Buckwheat

Succeeds well in the extreme North. The grain is very large, of dark brown color. Always higher in market than Silver Hull. Sow Buckwheat from June to July 10th, one bushel per acre. 50 lbs. per bushel. Write for our Price List.

## Flax

Flax is a cool weather crop confined to the northern states. Soil should be thoroughly worked. Sow 1 bushel per acre from April to June. 56 lbs. per bushel. Write for our Price List.

## New Bulletin on Crop Rotations

Crop rotation has been proved to have fully as much effect in increasing production as the use of fertilizers. Write to the U. S. Dept. of Agriculture for a copy of the new Farmers' Bulletin No. 1475 which tells how to plan a crop rotation to get the greatest benefit out of it.



Dwarf Essex Rape.



# Holmes' Superb Flower Seeds

ALL FLOWER SEEDS ARE MAILED FREE. OUR FLOWER SEEDS ARE FRESH NEW CROP.

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture.

**ANNUALS** grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

**Hardy Annuals** are those which can be sown in the open ground.

**Half-Hardy Annuals** are those which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

**BIENNIALS** grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season sown early in gentle heat.

**Hardy Biennials** will Winter in the open ground without protection.

**Half-Hardy Biennials** require the protection of a cold frame or cool house during the Winter.

**PERENNIALS** grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

**Hardy Perennials** can remain in the open ground during Winter without protection.

**Half-Hardy Perennials** require the protection of a coldframe or cool house during the Winter.

**Tender or Greenhouse Perennials** require window or greenhouse culture, free from frost during the Winter, and thrive in the garden during the warm months.

## EXPLANATION OF FLOWER SEED ABBREVIATIONS

H.A. —Hardy Annual—Lasting but one year.

H.H.A.—Half-Hardy Annual—Lasting but one year.

H.B. —Hardy Biennial—Lasting but two years.

H.H.B.—Half-Hardy Biennial — Require protection during Winter.

**ACHILLEA.** H.P.

1020 ptarmica, "The Pearl." Double white flowers. Pkt., 25c; 1/16 oz., \$1.00.

**ACROCLINIUM.** H.A. Pretty everlasting flowers; fine for Winter bouquets. 1 foot.

H.P. —Hardy Perennial—Lasting three or more years.

H.H.P.—Half-Hardy Perennial—Require protection during Winter.

H.C. —Hardy Climber—Lasting three or more years.

G.P. —Greenhouse Plant.

H.A.C.—Hardy Annual Climber.

1040 Double Mixed. Pkt., 10c; 1/4 oz., 25c.

**AGERATUM.** H.A. Blooms throughout the Summer; feathery flowers in clusters.

1072 Blue Perfection.. Very fine; dwarf; 9 inches. Pkt., 10c; 1/4 oz., 40c.

1074 Little Blue Star. Light blue; fine for carpet bedding. 6 inches Pkt., 25c.

**ALYSSUM.** H.A. Pretty little plants for beds, vases, baskets, edgings or rockwork; blooming profusely all Summer.

1081 Little Gem. Grows erect; fine for edging. Pkt., 10c; 1/4 oz., 25c.

1083 Carpet of Snow. Forms a perfect head of miniature white flowers. A perfect gem for edging. Very dwarf and compact. 4 inches. Pkt., 10c; 1/4 oz., 25c; oz., 75c; 1/4 lb., \$2.50.

1084 saxatile compactum (Basket of Gold). H.P. Spring-blooming Alyssum with yellow flowers. 12 inches. Pkt., 10c; 1/4 oz., 40c.

**AMARANTHUS.** H.A. Ornamental foliage plants, producing a striking effect either in the conservatory or flower garden.

1090 caudatus (Love-Lies-Bleeding). Long, drooping crimson spikes. 3 feet. Pkt., 10c.

1091 Tricolor (Joseph's Coat). Leaves red, yellow and green. 2 feet. Pkt., 10c; 1/4 oz., 20c.



Amaranthus Caudatus.



Ageratum.





Antirrhinum—Snapdragon.

**ANCHUSA. H.P.**

1094 *italica* **Dropmore.** Bears abundant flowers of the richest gentian blue. More popular every season. Hardy perennial. 3 to 5 feet. **Pkt., 10c; ¼ oz., 40c.**

**ANEMONE (Windflower). H.P.** Sow outdoors in Spring; keeping shaded till the plants appear. 18 inches.

1097 *St. Brigid.* A beautiful selection of semi-double and double flowers in a wonderful array of colors. **Pkt., 15c; 2 pkts., 25c.**

**ANTIRRHINUM (Snapdragon).**

1101 *maximum giganteum*, **Super Giant Mixed.** This wonderful new type of Snapdragons surpasses anything yet introduced. They are taller than Giant, growing about 5 feet high, bearing magnificent spikes of gorgeous colors. **Pkt., 25c.**

**Holmes' Giant.** Spikes 2 to 3 feet in length, with giant flowers.

1110 *Giant Crimson.* **Pkt., 10c.**

1111 *Giant Yellow.* **Pkt., 10c.**

1112 *Giant Harmony.* Orange shaded rose. **Pkt., 10c.**

1113 *Giant White.* **Pkt., 10c.**

1115 *Giant Pink.* **Pkt., 10c.**

1118 *Giant Mixed.* All colors. **Pkt., 10c; ¼ oz., 25c; oz., 90c.**

**Semi-Dwarf Varieties.** Height about 18 inches.

1120 *Empress.* Rich velvety crimson. **Pkt., 10c.**

1122 *Fawn.* Rose and gold. **Pkt., 10c.**

1123 *Golden Queen.* Rich yellow. **Pkt., 10c.**

1124 *Grenadier.* Orange-scarlet. **Pkt., 10c.**

1126 *Purity.* Pure white. **Pkt., 10c.**

1127 *Silver Pink.* Pearly pink. **Pkt., 10c.**

1130 *Choice Mixed.* All colors. **Pkt., 10c; ¼ oz., 30c; oz., \$1.00.**

**AQUILEGIA (Columbine). H.P.**

Fine free-flowering, hardy border plant—one of our most desirable perennials. Seed may be planted in the open ground early in Spring and will, in some varieties, bloom in the same season. Best results, however, are obtained by planting in August for next season's blooming.

1135 *Holmes' Majestic Long-Spurred Hybrids.* A grand variety of colors in the long-spurred, large-flowering forms. 3 feet. **Pkt., 10c; ½ oz., 50c.**

1137 *Coerulea (Rocky Mountain Columbine).* Violet, blue, white. 2 feet. **Pkt., 10c; ½ oz., 50c.**

1138 *Chrysantha.* Long-spurred, golden yellow. 2 feet. **Pkt., 10c; ½ oz., 50c.**

1139 *Double Large Flowering.* Mixed colors. **Pkt., 10c; ½ oz., 50c.**

**ARCTOTIS (African Daisy). H.A.**

1145 *grandis.* Daisy-like flowers; white shaded blue. 2 feet. **Pkt., 10c; ¼ oz., 25c.**

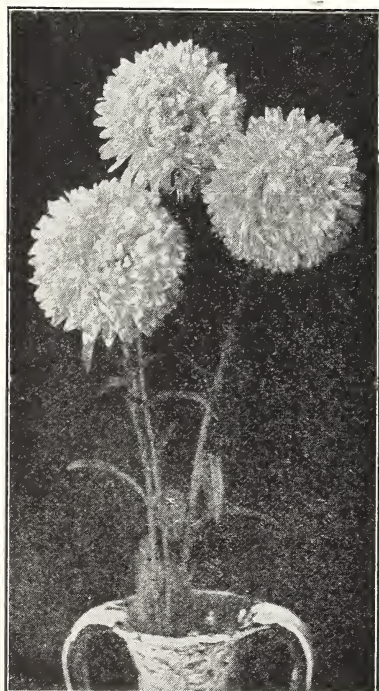
**ASPARAGUS. G.P.**

1147 *plumosus nanus.* Graceful and feathery bright green foliage. 8 feet. **Pkt., 25c; 100 seeds, \$1.00.**

1148 *Sprengeri.* A handsome variety of rapid growth for hanging baskets. 3 feet. **Pkt., 10c; 100 seeds, 50c.**



Aquilegia—Columbine.



Holmes' Matchless Aster.

**ASTERS****HOLMES' MATCHLESS ASTER.** The largest and most prolific of all Asters.

These are in every way a superior race of Asters. The plants are very healthy, robust, of branching growth, 2 feet high and over, producing on long stems, immense chrysanthemum-like flowers of perfect form, exceedingly double to the very center. The petals are of thick, durable substance, making them last long in perfection. They are wonderfully prolific and continuous bloomers. The decorative effect of a bed or vase of these Asters cannot be surpassed. These magnificent flowers ordinarily measure 3½ to 4 inches, but if the lateral or side branches be removed, leaving but one bloom to the stem, they will measure from 4½ to 5 inches across.

1160 *Crimson.* **Pkt., 15c.**

1162 *Purple.* **Pkt., 15c.**

1164 *Lavender.* **Pkt., 15c.**

1166 *Pearl-pink.* **Pkt., 15c.**

1167 *White.* **Pkt., 15c.**

1169 *Holmes' Matchless Asters Mixed.* **Pkt., 15c; ½ oz., 50c; ¼ oz., \$1.00.**



**IMPROVED AMERICAN ASTERS.**

The varieties below are all of American origin and are the "cream" of the many distinct sorts originated in America. The lover of Asters should have every one of them in his collection. They represent the highest development in Asters and will give entire satisfaction.

**1171 Heart of France.** Beautiful deep red flowers of large size and perfect formation. The blooms are borne on long and strong stems. The plants grow about 24 inches tall. **Pkt., 10c; 1/4 oz., 35c; 1/2 oz., 60c; 1/2 oz., \$1.00.**

**1173 Peerless Pink.** The plants grow 24 to 30 inches tall. The fine double flowers are of large size. The color is a wonderful shade of rich pink which lightens up under artificial light. **Pkt., 10c; 1/4 oz., 35c; 1/2 oz., 55c.**

**1175 Peerless White.** Similar in growth and habit to Peerless Pink. The enormous flowers are pure snow-white and very double. **Pkt., 10c; 1/4 oz., 35c; 1/2 oz., 60c.**

**1177 Lavender Gem.** Attractive feathery flowers. The coloring is silvery white when first opening, changing to the most delicate shade of lavender. Fine for bedding. **Pkt., 10c; 1/4 oz., 35c; 1/2 oz., 60c; 1/2 oz., \$1.00.**

**CALIFORNIA GIANT ASTERS.** In this splendid new strain, the earliness and the beautiful fluffy Comet type of flower of the Crego Asters is combined with the giant size and vigor of the American Beauties. The flowers average 5 to 6 in. across, and are produced on stout stems 18 to 24 inches long without disbudding. We urge all who grow Asters for cut flowers to try the California Giants, believing they are destined to become the most valuable of all Asters for cutting.

**1180 Peach Blossom 1184 Deep Rose**  
**1182 Purple 1186 Light Blue**

**Price, pkt., 15c; 1/4 oz., 65c.**

**QUEEN OF THE MARKET.** The first to bloom. Of medium height and branching habit. Popular for early cut flowers. 18 inches.

**1190 White 1195 Crimson**  
**1192 Pink 1197 Lavender**  
**1193 Rose 1199 Purple**

**1200 Mixed Colors**

**Price, pkt., 10c; 1/4 oz., 45c; oz., \$1.50.**

**EARLY ROYAL.** These follow the Queen of the Market Asters. Large, full, double flowers on long, straight stems. Free blooming and fine for cutting. 2 feet.

**1204 White 1208 Lavender**  
**1205 Shell-pink 1209 Purple**  
**1207 Rose 1210 Mixed**

**Price, pkt., 10c; 1/4 oz., 50c; oz., \$1.75.**

**AMERICAN BEAUTY.** This beautiful variety is, beyond doubt, one of the grandest sorts in cultivation. It is of the Late Branching type, 2 to 2 1/2 feet high. The flowers, from 4 to 5 inches in diameter, are full, with incurved petals, and on stems from 15 to 20 inches long.

**1212 Shell-pink 1215 Lavender**  
**1213 Deep Rose 1217 Purple**

**1219 Mixed**

**Price, pkt., 15c; 1/4 oz., 35c; 1/2 oz., \$1.25; oz., \$2.00.**

**Collection: One pkt. each of above 4 colors for 50c.**

**CREGO'S GIANT COMET.** Sturdy, branching plants. 2 feet tall. Large, fluffy flowers with flat, recurved, twisted petals on good stems. Fine for both bedding and cutting.

**1221 White 1226 Crimson**  
**1222 Shell-pink 1228 Lavender**  
**1224 Deep Rose 1231 Purple**

**1233 Mixed**

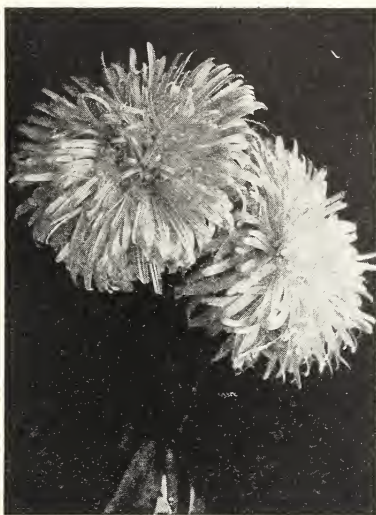
**Price, pkt., 10c; 1/4 oz., 50c; oz., \$1.75.**

**KING ASTERS.** A distinct and most attractive type, producing large flowers with straight, quilled petals on long, stiff stems. 20 inches.

**1235 White 1238 Crimson**  
**1236 Shell-pink 1239 Lavender**  
**1237 Rose 1240 Violet**

**1242 Mixed Colors**

**Price, pkt., 10c; 1/4 oz., 50c; oz., \$1.75.**



California Giant Aster.

**SEMPLER'S GIANT BRANCHING.**

Blooming in September, these are the most popular and widely grown of all the Asters. Vigorous plants, 2 1/2 feet or more in height, covered with large, double flowers on extra long stems. Excellent for cutting.

**1244 Pure White**  
**1245 Shell-pink**  
**1247 Deep Rose**  
**1248 Crimson**  
**1249 Lavender**  
**1250 Azure-blue**  
**1251 Purple**  
**1253 Mixed**

**Price, pkt., 10c; 1/4 oz., 45c; oz., \$1.50.**

**1260 NEW SUNSHINE ASTER, MIXED.**

You will be impressed and delighted with the striking beauty of this new Aster. The flowers, which measure from 3 to 4 inches in diameter, are half-double and exhibit all the grace and beauty of the Single Aster, greatly enhanced by a contrasting color. The golden yellow ground tone of the quilled petals harmonizes wonderfully with the pink, blue, lilac and white of the

outer petals. These form a loosely curled circle, making the flowers extremely pleasing to the eye. The delicate beauty and high value of this Aster should appeal to every garden lover who wants really fine flowers for cutting. **Pkt., 35c; 3 pkts., \$1.00.**

**SINGLE ANNUAL ASTERS.** Single Asters are becoming more popular each season. We do not know of any class of flowers more valuable for cutting. The flowers are carried on long stems, and much resemble the single Japanese chrysanthemum. Our strain has long petals and a very small center.

**1265 Chinese Mixed.** Provides a nice assortment of color. **Pkt., 10c; 1/4 oz., 35c; oz., \$1.00.**

**Holmes' Invincible Aster Collection**

This magnificent collection contains the finest and most complete assortment of mammoth-flowering Asters—the newest kinds, all colors, all varieties; early and late, the symmetrical globe-shaped and the fluffy chrysanthemum sorts.

One packet each of Sempler's Giant Branching Mixed, Giant Royal Mixed, Crego Mixed, Superb Mixture of Giant Asters, King Asters Mixed, Heart of France, all for 50c, postpaid.

**How to Grow Asters**

Ask for a free copy of this leaflet when you order your Aster seed.

**BACHELOR BUTTON.** (See *Centaurea cyanus*).

**1270 BALLON VINE** (Love-in-a-Puff). H.H.C. White flowers followed by balloon-like seed pods. 15 feet. **Pkt., 10c; oz., 25c.**

**BALSAM** (Lady's Slipper). H.A. Showy and easily grown tender annuals, doing best in rich loam in sunny situation. 18 inches.

**1272 Double Camellia-Flowered Mixed.** **Pkt., 10c; 1/4 oz., 25c.**

**1274 BEAN, SCARLET RUNNER.** Annual vine. A rapid climber flowering profusely. Grows 10 to 15 feet. **Pkt., 10c; 1/4 lb., 15c.**

**BELLIS** (Double English Daisy). H.P. Blooms from early Spring until well into Summer. 9 inches. Fine for edging.

**1277 Longfellow.** Dark rose. **Pkt., 10c; 1/4 oz., 50c.**

**1278 Snowball.** Pure white. **Pkt., 10c; 1/4 oz., 50c.**

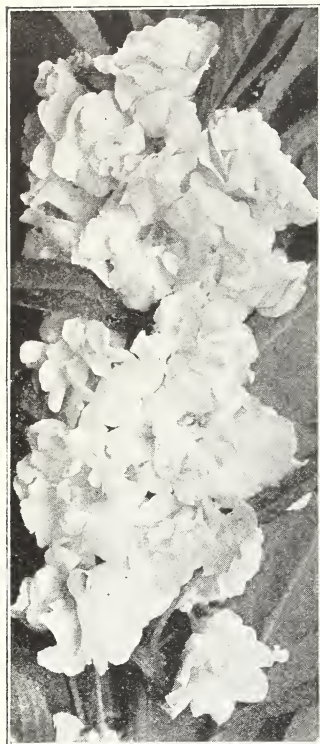
**1279 Giant Mixed.** **Pkt., 10c; 1/4 oz., 50c.**

**BLUE LACE FLOWER.** (See *Didiscus coerules*).

**BRACHYCOME** (Swan River Daisy). H.H.A. Produces during the greater part of Summer quantities of beautiful daisy-like flowers. 12 inches.

**1284 Mixed Sorts.** **Pkt., 10c; 1/4 oz., 35c.**





Balsam.

**CALLIOPSIS.** H.A. Very attractive, free-flowering plants of easy culture, colors ranging from bright yellow to deep old gold shades and from blood-red to deep brown.

**1298 Golden Wave.** (Drummondii). Pure yellow flowers, very large and showy. Pkt., 10c; ¼ oz., 25c.

**1303 Dwarf, Finest Mixed.** All shades of yellow, red and brown. 12 inches. Pkt., 10c; ½ oz., 20c.

**CAMPANULAS.** H.P. All the Campanulas can be grown in ordinary gardens and will bloom from seeds the following year.

**1310 pyramidalis** (Chimney Bell). Very conspicuous towering spikes, with clear blue flowers. 4 feet. Pkt., 10c; ¼ oz., 50c.



Celosia Childsi—Chinese Woolflower.

## Begonias

### EVERBLOOMING BEDDING VARIETIES

A continuous flowering section of Begonias of the greatest value for bedding. The flowers are of brilliant colors and borne in great profusion from Summer to Autumn.

**1280 Gracilis, Luminosa.** Large, bright scarlet flowers. Reddish brown foliage. Pkt., 25c.

**1281 Gracilis, Prima Donna.** The flowers are a brilliant clear pink, shading to carmine rose. Pkt., 25c.

**1282 Semperflorens, Mixed.** Dwarf; compact; very free blooming; elegant for bedding. Pkt., 15c.

**CALCEOLARIA.** G.P. Highly prized plants for conservatory and house decoration.

**1286 Holmes' Majestic Strain.** Of the richest and most marvelous variety of shades and markings. Pkt., 50c.

**CALENDULA** (Cape Marigold). H.A. This is one of the best and showiest free-flowering hardy annuals, blooming continually from early Summer until killed by frost. Valuable also for pot culture. 12 inches.

**1288 Meteor.** Double yellow, striped orange. Pkt., 10c; oz., 30c.

**1289 Orange King.** Dark orange-red. Pkt., 10c; oz., 40c.

**1290 Lemon Queen.** Large, double, sulphur-yellow. Pkt., 10c; oz., 40c.

**1291 The Ball Gold** has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange. Pkt., 20c; ¼ oz., \$1.00.

**1292 The Ball Orange.** This new orange Calendula represents a very great improvement in size, length of stem, and double flowers. Pkt., 20c; ¼ oz., \$1.00.

**1293 Camp Fire** or **Sensation** is a crimson-orange, more crimson than any Calendula ever before produced. Pkt., 20c.

**1294 Finest Mixed.** All varieties. Pkt., 10c; oz., 25c.

**1330 CANARY BIRD VINE.** H.A.C. Pretty climber, with yellow, butterfly-like flowers. 10 feet. Pkt., 10c; oz., 40c.



Campanula Medium—Canterbury Bells.

**CANTERBURY BELLS.** H.B. Well known, handsome, hardy biennials, bearing large bell and saucer-shaped flowers. 2 feet.

**1315 Medium Mixed.** Pkt., 10c; ½ oz., 25c.

**1320 Calycanthema Mixed.** (Cup and Saucer). A race of Canterbury Bells having large, semi-double flowers resembling a cup and saucer. 2 ft. Pkt., 10c; ¼ oz., 60c.

**CANDYTUFT.** H.A. Showy branching plants, much grown in beds or for edging; also grown for cut flowers. 12 inches.

**1335 Giant Hyacinth-Flowered.** White. Pkt., 10c; ¼ oz., 25c.

**1336 Rose Cardinal.** Bright rosy cardinal-red. Pkt., 10c; oz., 60c.

**1328 Lavender.** Lilac-purple. Pkt., 10c; ½ oz., 25c.

**1340 Mixed Annual Sorts.** All colors. Pkt., 10c; ½ oz., 25c.

**1343 Sempervirens.** H.P. A hardy variety completely covered with heads of white flowers in the Spring. 1 foot. Pkt., 10c.

**1345 CARDINAL CLIMBER.** A beautiful annual vine of rapid growth. The cardinal-red flowers resemble those of the cypress vine, but are much larger, and are produced in great quantities continuously throughout the Summer. Splendid for covering stumps and trellises. 20 to 30 feet. Pkt., 15c.

**CARNATION, Marguerite.** H.H.P. Perpetual-flowering Carnations, produce a large proportion of double flowers. 18 inches.

**1350 Marguerite, Giant Double Mixed.** Extra large and perfect flowering, in a rich variety of colors. Pkt., 10c; ½ oz., 25c.

**1355 Chabaud's Everblooming Mixed.** Blooms in five months from sowing, and continues to flower in the greatest profusion, indefinitely. 18 inches. Pkt., 25c.

**CASTOR BEANS.** (See Ricinus).

**CELOSIA cristata** (Cockscomb). H.H.A. Popular annual of easy culture, producing cockscomb-like heads.

**1365 Empress.** Crimson combs; dark foliage. Pkt., 10c.

**1367 Glasgow Prize.** Large, deep crimson. Pkt., 10c.

**1369 Dwarf.** Mixed colors. Extra fine strain. Pkt., 10c.

**CELOSIA Childsi** (Chinese Woolflower). This is a unique type with large, globular heads like balls of wool. 2 feet.

**1360 Childsi Mixed.** All colors. Pkt., 15c; ½ oz., 35c.

**CELOSIA plumosa** (Ostrich Plume). H.H.A.

**1375 plumosa pyramidalis.** Mixed. Feathered. All colors. Pkt., 10c; ¼ oz., 30c.



**CENTAUREA.** H.A. Beautiful silvery foliaged bedding plants; used for bordering and edging.

1380 *candidissima*. Round, compact plants; white leaves, broadly cut. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

1381 *gymnocarpa*. Fine cut silvery foliage. 18 in. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**CENTAUREA.** H.A. These flower finest in the full sun and poor soil.

1385 *suaveolens* (Yellow Sweet Sultan). Fine for cutting. 18 inches. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**CENTAUREA cyanus** (Bachelor's Button; Cornflower; Blue Bottle; or Ragged Sailor). Very fine for cutting. Large, double. 18 inches.

1390 Double Blue. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

1391 Double Rose. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

1393 Double White. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

1395 Finest Double Mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**CENTAUREA imperialis** (Giant Imperial Sweet Sultan). H.H.A. Fine for cut flowers.

1400 Finest Mixed. All colors. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**CERASTIUM** (Snow-in-Summer). H.P.

1410 *tomentosum*. A dwarf white-leaved edging plant with small white flowers. 6 inches. Pkt., 15c;  $\frac{1}{8}$  oz., 75c.

**CHRYSANTHEMUM, Annual Varieties.**

Showy, hardy annuals of easiest cultivation, blooming from July until frost.

1415 *coronarium*. Double mixed. Pkt., 10c; oz., 50c.

**CHRYSANTHEMUM, Perennial Varieties.**

1420 *Shasta Daisy, Alaska*. A splendid variety with flowers rarely less than five inches across, of the purest glistening white, with broad overlapping petals, and borne on long, strong stems; a splendid cut flower, keeping for a week or more. 18 inches. Pkt., 15c;  $\frac{1}{4}$  oz., 50c.

**CINERARIA hybrida.** G.P. One of the most gorgeous colored flowering plants for greenhouse or conservatory. Seeds should be sown in July to September.

1425 *Holmes' Royal Dwarf Prize Mixed*. Magnificent heads of velvety bloom, in all imaginable colors and combinations of color. Truly magnificent. 18 inches. Pkt., 25c.



*Centaurea Imperialis.*



*Shasta Daisies, Alaska.*

**COCKSCOMB.** (See *Celosia cristata*).

**COLEUS.** G.P.

1450 *Holmes' Royal Mixed*. Wonderfully beautiful foliage plants. Mixed. Pkt., 25c.

**COLUMBINE.** (See *Aquilegia*).

**COREOPSIS.** H.P. One of the finest of hardy plants. Large, orange-yellow flowers, much prized for cutting, as they last a long time. Easily grown from seed, flowering first year.

1455 *lanceolata grandiflora*. Large flowers of rich yellow. 2 feet. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**CORNFLOWER.** (See *Centaurea cyanus*).

**COSMOS.** H.A. Beautiful Autumn-blooming plants. Produce thousands of beautiful flowers in crimson, pink and white shades. Most useful for Autumn decoration when other flowers are scarce. Double-crested, early-flowering, semi-double flowers in great profusion.

1460 *Crimson King*. Bright red. Pkt., 15c.

1461 *Pink Beauty*. Lovely shade of pink. Pkt., 15c.

1463 *White Queen*. Pure white; crested. Pkt., 15c.

1464 *Double Mixed*. Pkt., 15c.

**COSMOS, Extra Early Giant-Flowering.** Flowers 4 to 5 inches across. 4 feet.

1465 *Crimson*. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

1466 *Pink*. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

1468 *White*. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

1469 *Mixed Colors*. Pkt., 10c;  $\frac{1}{4}$  oz., 20c; oz., 50c.

**COWSLIP** (*Primula veris*). H.P.

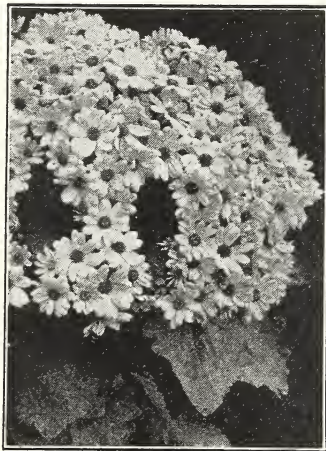
1480 *Mixed*. A Spring-flowering plant. Beautiful colors, rich brown, crimson and yellow. Fine for borders. 6 inches. Fragrant. Pkt., 15c.

**CYPRESS VINE.** H.A.C. A fast growing annual vine, with feathery, dark green foliage and starlike flowers. 10 feet.

1485 *Finest Mixed*. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**CYCLAMEN.** G.P. A most popular pot plant for Winter and Spring flowering, as they last a long time, and bloom freely.

1489 *Holmes' Giant Mixture*. Includes all the brilliant colors. Pkt., 35c; 100 seeds, \$2.00.



*Cineraria Hybrida.*

**CLARKIA.** H.A. This beautiful annual is easily grown and deserves to be as popular here as it is in Europe. Does well in sun or shade.

1430 *Double Mixed*. All colors. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**CLEOME** (Spider Plant). H. A.

1440 *gigantea* (Giant Spider Plant). Bright rosy crimson flowers; adapted for large beds or borders. 3½ feet. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**COBAEA.** H.A.C.

1445 *scandens*. Tender climber; large, bell-shaped blue flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.



*Cosmos.*





Delphinium—Hardy Larkspur.

phinius are: the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period—many varieties bloom well into August; their resemblance to Hollyhocks. The seed we offer was grown from the introducer's stock seed and is as true to type as is obtainable. **Pkt., 35c; 3 pkts., \$1.00.**

**DIANTHUS** (Chinese or Indian Pinks). H.H.A. Although biennials, bloom the first season, and are excellent for small beds or edgings. They bloom profusely in many beautiful colors. 12 inches.

#### SINGLE ANNUAL PINKS

**1515 Heddeewigi** (Single Japan Pinks). Large, attractive flowers of most brilliant colors. Finest mixed. **Pkt., 10c; ¼ oz., 25c.**

#### DOUBLE ANNUAL PINKS

**1520 Double Japan Pinks.** Large, double flowers in unlimited variety of colors. Finest mixed. **Pkt., 10c; ¼ oz., 25c.**

**1530 Fireball.** Large, double, brilliant red. **Pkt., 10c; ¼ oz., 40c.**

**1532 Salmon King.** Very striking, double flowers, rich salmon-scarlet. **Pkt., 10c; ¼ oz., 50c.**

**1533 Snowball.** Extra large, double, pure white. **Pkt., 10c; ¼ oz., 40c.**



Digitalis—Foxglove.



Didiscus—Blue Lace Flower.

of a rich orange color; the disc is dark and surrounded by a black zone. Known as African Golden Orange Daisy. **Pkt., 10c; ½ oz., 40c.**

**DOLICHOS** (Hyacinth Bean). H.A.C. Annual climbers with clusters of beanlike flowers. 10 feet.

**1585 Daylight.** Flowers pure white. **Pkt., 10c; oz., 25c.**

**1586 Darkness.** Rich purple-violet. **Pkt., 10c; oz., 25c.**

**DRACAENA.** G.P.

**1590 indivisa.** For vases, pots, etc. Narrow green leaves. **Pkt., 10c; ¼ oz., 25c.**

**Holmes' Flower Seeds** will never fail to give you the most satisfactory results if growing conditions are favorable.

**DAHLIA.** H.H.P. This popular flower can be easily raised from seed, flowering the same season.

**1495 Double Large-Flowering.** Mixed colors. **Pkt., 25c.**

**DAISY, Double.** (See *Bellis perennis*).

**DELPHINIUM** (Larkspur). H.P. Handsome plants for the herbaceous border and shrubbery, and fine for cutting.

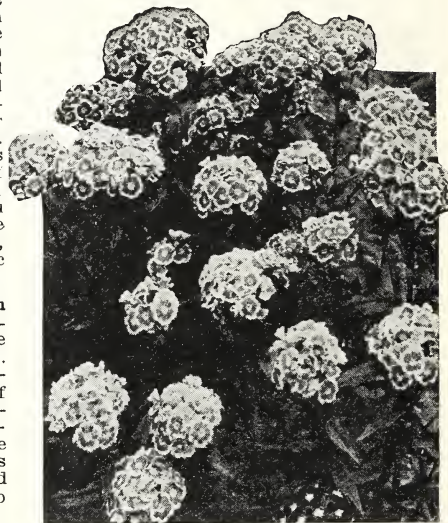
**1500 Belladonna.** Very large-flowered; light azure-blue. **Pkt., 20c; ½ oz., \$1.00.**

**1502 Bellamosa.** A rich deep blue form of the popular light blue Belladonna. **Pkt., 25c; ½ oz., \$1.00.**

**1505 English Hybrids.** Containing the latest and best varieties in cultivation. **Pkt., 15c; ¼ oz., 60c.**

**1507 Holmes' Majestic Hybrids.** This strain is made up of the finest strains from the old perennial gardens of England where the Delphinium is found in its greatest perfection. The wonderful colors and combinations of colors are impossible to describe. If you want the best there are in Delphiniums, try Holmes' Majestic Hybrids. **Pkt., 25c.**

**1508 Wrexham Strain** (Hollyhock Delphinium). A new race with spirelike spikes. The chief distinguishing features of the "Hollyhock" Del-



Dianthus—Pinks.

#### HARDY PERENNIAL PINKS

**1545 Allwoodi.** This new race of plants, half carnation and half pink, combines the gorgeous coloring of the former and the hardiness and exquisite fragrance of the latter. A wonderful bloomer of easy cultivation. **Pkt., 35c; 3 pkts., \$1.00.**

**1550 plumarius fl. pl.** (Pheasant's Eye). Pretty fringed, double flowers. **Pkt., 15c; ¼ oz., 40c.**

**1552 plumarius semperflorens** (Perpetual Pink). Mixed, single and double; sweet scented. **Pkt., 20c; ¼ oz., 75c.**

**DIDISCUS** (Blue Lace Flower). H.A.

**1560 coerulea.** An attractive annual blooming from July until frost. Pale lavender flowers; valuable for cutting. **Pkt., 15c; 2 pkts., 25c.**

**DIGITALIS** (Foxglove). H.P. Handsome plants of sturdy growth, very easy of cultivation. Spikes 4 to 5 feet high with giant flowers in all shades.

**1570 Holmes' Superb Mixed.** All colors. **Pkt., 10c; ¼ oz., 40c.**

**1573 Shirley Mixed.** Very large flowers. **Pkt., 15c; 2 pkts., 25c.**

**DIMORPHOTHECA.** H.A.

**1580 aurantiaca.** Daisy-like blossoms of a rich orange color; the disc is dark and surrounded by a black zone. Known as African Golden Orange Daisy. **Pkt., 10c; ½ oz., 40c.**



**ESCHSCHOLTZIA** (California Poppy). H.A. Very attractive annuals for beds, edgings, masses; profuse flowering; fine cut, glaucous foliage; blooms from July to frost.

1600 *Californica*. Bright yellow. Pkt., 10c; ¼ oz., 40c.

1602 *Carmine King*. Beautiful deep red. Pkt., 10c; ¼ oz., 25c.

1603 *Golden West*. Large flowers of deep yellow shade. Pkt., 10c; oz., 40c.

**EUPHORBIA** (Snow-on-the-Mountain). H.A.

1616 *variegata*. White and green bracts; excellent for cutting. Pkt., 10c; oz., 40c.

**FORGET-ME-NOT**. (See *Myosotis*).

**FOXGLOVE**. (See *Digitalis*).

**FOUR O'CLOCK**. (See *Marvel of Peru*).

**GAILLARDIA**. H.A. Showy garden annual; they flower uninterruptedly from early Summer until frost; the flowers are of large size and brilliant colors. 2 feet.



Eschscholtzia—California Poppies.

1625 *Lorenziana*. Double mixed. Pkt., 10c; ¼ oz., 40c.

1627 *Holmes' Majestic Hybrids*. H.P. Giant flowers blooming freely on long, strong stems. Gorgeous colors, yellow and crimson. Fine for cutting. 1½ feet. Pkt., 10c; ¼ oz., 50c.

**GERBERA** (The Transvaal Daisy). H.H.P.

1635 *Jamesoni hybrida*. Flowers 3 to 4 inches across. Unsurpassed for cut flowers, being of splendid lasting substance. Coloring an infinity of tints, from red to violet, pure white through yellow, orange, salmon, rose, cerise and ruby-red. 18 inches. Pkt., 25c; 100 seeds, \$1.00.

**GODETIA** (Satin Flower). H.A. Bushy annual with showy, large flowers. They grow quickly, bloom abundantly, excellent for beds and borders. 18 inches.

1640 *Finest Mixed*. Pkt., 10c; ¼ oz., 25c.

**GOURDS**. H.A.C. Thrifty annual climbers, bearing ornamental fruits. 10 feet.

1646 *Calabash* (African Pipe Gourd). Pkt., 5c; oz., 25c.

1648 *Dipper*. Shaped like a dipper. Pkt., 5c; oz., 25c.

1650 *Egg*. Fruit white; resembles an egg. Pkt., 5c; oz., 25c.

1651 *Hercules' Club*. Enormous fruit; often 4 feet long, thicker at the base. Pkt., 5c; oz., 25c.

1654 *Mixed Ornamental Varieties*. Pkt., 5c; oz., 20c.

**GYPHOPHILA** (Baby's Breath). H.A. Graceful plants of light fairylike growth. Fine for cutting in combination with other flowers.

1660 *grandiflora alba, Paris Market*. An improved large-flowering, pure white form. Can be flowered from seed within a few weeks from sowing. Pkt., 10c; oz., 25c.

1662 *paniculata*. H.P. Pure white flowers, very small and borne in large panicles. Pkt., 10c; ¼ oz., 25c.

1663 *paniculata flora plena*. H.P. A double-flowering form. Bears clouds of snow-white flowers during July and August. 2 feet. Seed grown by introducer. Pkt., 25c.



Annual Gaillardia.

**HELIANTHUS**. (See *Sunflower*).

**HELICHRYSUM** (Strawflower). H.A. Large double, everlasting flowers. 2 feet.

1670 *Fireball*. Double red. Pkt., 10c; ¼ oz., 30c.

1672 *Golden Globe*. Double yellow. Pkt., 10c; ¼ oz., 30c.

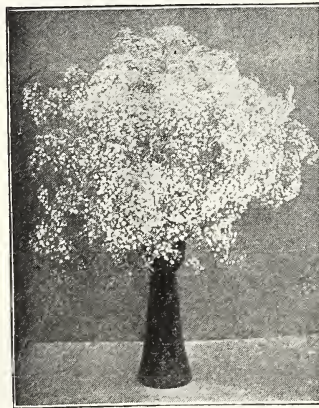
1674 *Double Salmon*. Pkt., 10c; ¼ oz., 30c.

1676 *Double Silver Globe*. Glistening white. Pkt., 10c; ¼ oz., 30c.

1679 *Large-Flowering Double Mixed*. Pkt., 10c; ¼ oz., 25c; oz., 75c.

**HELIOTROPE**. G.P. Well known fragrant flowering plants for pots or garden.

1685 *Lemoine's Giant Mixed*. Pkt., 10c; ½ oz., 50c.



Gypsophila—Baby's Breath.



Helichrysum—Strawflowers.

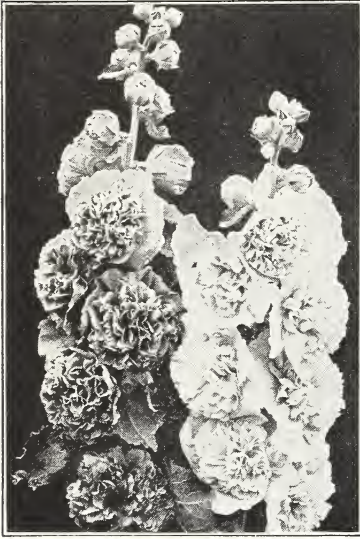
## SCABIOUS

### Two Splendid Novelties

2125 *Peach Blossom*. A beautiful new variety of ultra refined form and finish. It bears flowers of enormous size perfectly double and will unquestionably prove one of the best varieties of its color for cutting purposes. The color is one of those rich warm shades of rose that lights up especially well under artificial light. Pkt., 15c; 2 pkts., 25c.

2127 *Shasta*. A splendid companion to the above. One of the finest pure white varieties ever introduced. The color is as pure in tone as driven snow. Pkt., 15c; 2 pkts., 25c.





Double Hollyhocks.

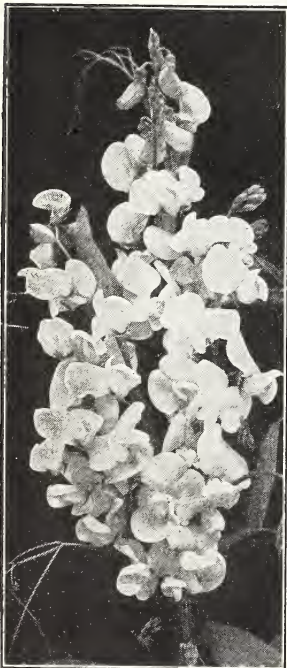
**IPOMOEA** (Morning Glory). H.A.C. Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable. 20 feet.

1715 *grandiflora alba* (Moonflower). Large, heart-shaped leaves and large, pure white flowers opening late in the evening. Pkt., 10c; oz., 50c.

1718 *rubra coerulea* (Heavenly Blue). Beautiful sky-blue flowers. Pkt., 10c; oz., 35c.

1722 *Imperial Japanese Mixed*. A great improvement over the old-fashioned sorts. Pkt., 10c; oz., 40c.

**QUAMOCLIT.** (See Cypress Vine).



Lathyrus Latifolius.

**HOLLYHOCKS.** H.P. One of the showiest of hardy garden plants. Their stately beauty adds dignity to the smallest garden plot, and their bright colors bring cheer on the dulllest days. Hollyhocks are often troubled with a rust, which can be prevented by spraying with Bordeaux Mixture.

1690 *Chater's Giant, Pink Queen*. A pretty salmon-pink. Pkt., 10c; ¼ oz., 50c.

1691 *Chater's Giant, Double Scarlet*. Pkt., 10c; ¼ oz., 50c.

1693 *Chater's Giant, Double Rose*. Pkt., 10c; ¼ oz., 50c.

1695 *Chater's Giant, Double Sulphur*. Pkt., 10c; ¼ oz., 50c.

1697 *Chater's Giant, Double White*. Pkt., 10c; ¼ oz., 50c.

1699 *Chater's Giant, Double Fine Mixed*. Pkt., 10c; ¼ oz., 40c.

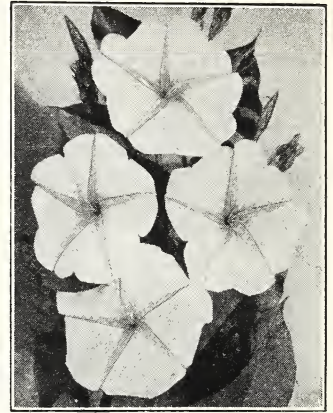
**HYACINTH BEAN.** (See *Dolichos*).

**IBERIS.** (See *Candytuft*).

**ICE PLANT.** (See *Mesembryanthemum crystallinum*).

**IMPATIENS** (Sultan's or Zanzibar Balsam). G.P. Handsome plants forming bushes 12 to 18 inches high. The flowers, very showy, are of scarlet, pink, orange-red and white, and are borne profusely. The plants grow luxuriantly out-of-doors, and make beautiful flower beds. If grown in pots, they are equally effective.

1710 *Holsti Hybrids*. As pot plants, they bloom continuously. Mixed colors. Pkt., 25c.



Ipomoea Grandiflora Alba.

**KOCHIA** (Belvedere Summer Cypress; Mexican Firebush). H.A.

1730 *tricophylla*. Grows in a perfectly pyramidal shape without trimming, with small, feathery, light green foliage, turning to a lovely crimson hue in Fall. 2½ feet. Pkt., 10c; ¼ oz., 25c.

1735 **KUDZU VINE** (*Pueraria Thunbergiana*). H.P. A splendid climber for covering permanent verandas, dead trees, etc. Luxuriant green foliage and pea-shaped blossoms. Pkt., 15c; ¼ oz., 50c.

**LANTANA.** G.P. One of the most satisfactory plants for pots, flower boxes, or bedding; constantly in bloom. Verbena-like heads of orange and red, white and rose, and other colors.

1740 *Lantana, New Hybrids*. Mixed. Pkt., 10c; ¼ oz., 25c.

**LARKSPUR.** H.A. One of the most charming of the old-fashioned flowers and now in great favor for both the formal garden and the small cottage plot. These flowers have been much improved in recent years in form and colors. 2 feet.

1755 *Azure Blue*. Pkt., 10c; ¼ oz., 30c.

1757 *Dark Blue*. Pkt., 10c; ¼ oz., 30c.

1759 *Carmine* (Newport Pink). Pkt., 10c; ¼ oz., 30c.

1760 *Exquisite Pink*. Pkt., 10c; ¼ oz., 30c.

1762 *Lilac*. Pkt., 10c; ¼ oz., 30c.

1764 *White*. Pkt., 10c; ¼ oz., 30c.

1765 *Finest Mixed*. Pkt., 10c; ¼ oz., 20c.

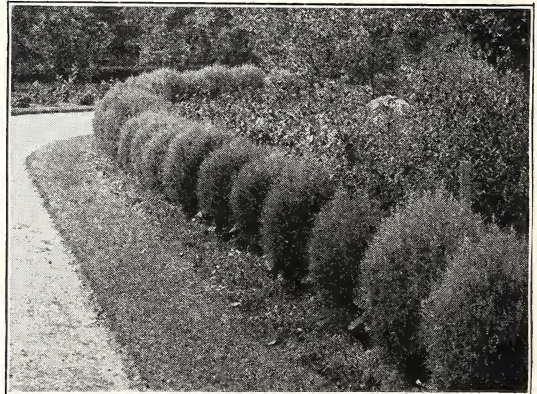
**PERENNIAL LARKSPUR.** (See *Delphinium*).

**LATHYRUS** (Perennial Sweet Pea). H.P.

1745 *latifolius*. Hardy climber of strong growth, good for covering screen, trellises, fences, etc. Fine for cutting. Blooms constantly. Finest mixed, pkt., 10c; oz., 50c.

**LEMON VERBENA.** (See *Verbena*).

**THE BOOK OF ANNUALS**  
By Prof. Alfred C. Hottes  
A reliable guide through  
the season of annual bloom.  
\$1.65 postpaid



Kochia.



- LOBELIA.** H.H.A. Bushy plants with pendent branches; bloom very profusely; fine for edging or baskets. 6 inches.  
**1775 Crystal Palace compacta.** Dark blue. Pkt., 10c; ¼ oz., 50c.  
**1777 gracilis.** Blue; trailing. Pkt., 10c.  
**1780 cardinalis** (Cardinal Flower). H.P. A native perennial variety with spikes of scarlet flowers; fine border plant. 3 feet. Pkt., 15c.

**LOVE-LIES-BLEEDING.** (See Amaranthus).

**LOVE-IN-A-MIST.** (See Nigella).

**LUPINUS.** H.P. One of the most useful of our garden flowers either for borders or for cutting. Free-flowering, with long spikes of delicately scented flowers in June and July. 3 feet.

**1790 Mixed Perennial Varieties.** Pkt., 10c; oz., 25c.

**1796 Harkness Regal.** Truly royal in their splendor, with colors of polished gold and burnished copper; like leaping flames of molten metal. Also the softer shades of peach and apricot—there is nothing quite like them. Received the Award of Merit, Royal Horticultural Society of England. Pkt., 25c.

**LYCHNIS.** H.P. Handsome, hardy perennials of easy culture, for massing in beds and borders. Will bloom the first year if sown early.

**1800 chalconica.** The old favorite scarlet Lychnis. 18 inches. Pkt., 10c; ¼ oz., 30c.



Lobelia, Crystal Palace Compacta.

**MARIGOLD.** H.A. Free-flowering annuals of easy culture, extremely effective for large beds or mixed borders; they succeed best in light soil, with full exposure to the sun.

**African Varieties.** Showy flowers. 3 feet.

**1810 Lemon Queen.** Very large, double flowers of soft yellow. Pkt., 10c; ¼ oz., 50c.

**1812 Orange Prince.** Large, double, rich orange color. Pkt., 10c; ¼ oz., 50c.

**1815 Mixed Double.** Pkt., 10c; ¼ oz., 25c.

**French Varieties.** Small-flowering varieties in different colors. Fine for bedding.

**1818 Legion of Honor.** Single yellow blooms marked with red. Sometimes called Little Brownie. Pkt., 10c; ¼ oz., 25c.

**1820 Dwarf Double Mixed.** Pkt., 10c; ¼ oz., 25c.

**MARVEL OF PERU** (Four O'clock). H. A. A well known, handsome garden favorite, free-flowering, does well anywhere. 2 ft.

**1830 Mixed Colors.** Pkt., 10c; oz., 20c.

**MATRICARIA** (Feverfew). H.H.P. Free-flowering plants, producing fine double white flowers all season. Fine for beds and edgings.

**1835 capensis plena.** Pkt., 10c; ¼ oz., 25c.

**MESEMBRYANTHEMUM** (Ice Plant). H.H.A.

**1840 crystallinum.** A dwarf trailing annual plant. Flowers white. 6 inches. Pkt., 10c; ¼ oz., 35c.

**1847 Goliath.** Red; enormous spikes. Pkt., 10c; ¼ oz., 40c.

**1850 Sweet Scented** (Reseda odorata grandiflora). The large-flowering garden variety. Pkt., 10c; oz., 25c.

**MIRABILIS.** (See Marvel of Peru).

**MOONFLOWER.** (See Ipomoea grandiflora).

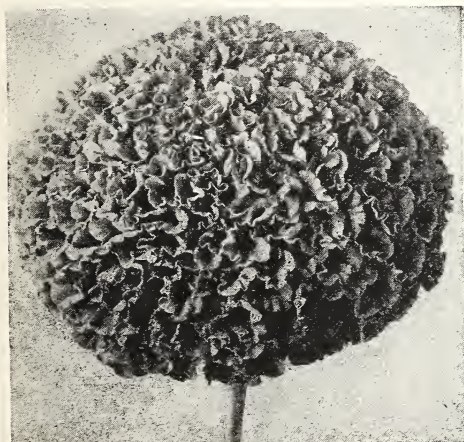
**MORNING GLORY.** (See Ipomoea, Imperial Japanese).

**MYOSOTIS** (Forget-me-not). H.H.P. Fine for edging or in beds with Pansies, Daisies, etc. Seed may be sown any time from Spring until midsummer. 9 inches.

**1860 Alpestris.** Mixed colors. Pkt., 10c; ¼ oz., 25c.

**1862 palustris semperflorens.** The true water Forget-me-not. Blooms from early Spring until Autumn. Dark blue. Pkt., 15c; ½ oz., 50c.

**1864 Victoria.** The plants are of dwarf, compact growth, with a multitude of bright blue flowers in dense umbels. Pkt., 10c; ¼ oz., 35c.



Double African Marigold.

**MIGNONETTE, Large Flowering.** H.A. The popular fragrant garden annual. Sowings made in April and again in July will keep up a succession from early Summer until frost.

**1845 Allen's Defiance.** Full round spikes of great length. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.



Marvel of Peru—Four O'Clock.



Mignonette.





Holmes' Glorious Giant Pansies.

**1928 Masterpiece.** A remarkable type, each petal being conspicuously curled and waved. The dark velvety colors are very striking. **Pkt., 15c; ½ oz., 75c.**

**1930 Giant Trimardeau Mixed.** Large flowers in a great variety of colors. **Pkt., 10c; ½ oz., 50c; oz., \$3.50.**

**PASSIFLORA** (Passion Flower). H.H.C.

**1935 coerulea.** Fast growing and free flowering climbers with large, showy blue flowers, suitable for conservatory or outside in Summer. **Pkt., 15c; ¼ oz., 75c.**

**PENTSTEMON** (Beard Tongue). H.P. Highly useful and attractive perennials for the hardy border. 2 feet.

**1945 gloxinoides, "Sensation."** Every branch bears a spike of large, gloxinia-like flowers in a very wide range of bright colors, such as rose, red, carmine, cherry, pink, lilac, purple, etc. **Pkt., 15c; 2 pkts., 25c.**

**PETUNIA.** H.A. For bedding, porch or window boxes, few flowers equal the Petunia in effectiveness. They are of easiest cultivation and probably give greater returns for the care they require than any other plant. All they ask is good soil and a sunny position, and they will make a gorgeous display until killed by frost.



Petunias.

**1955 Holmes' Double Giant, Fringed, Finest Mixed Hybrids.** These plants are very vigorous with thick, fleshy leaves. Flowers are enormous, the edges of the petals crinkled and fluted in the most charming manner. The colors are wonderfully beautiful, rich, velvety purple, clear pink and white. Easily grown from seed or cuttings. **Pkt., 35c; 500 seeds, \$1.00.**

**1960 Holmes' Royal Large-Flowered Fringed Mixed.** Almost every color combination of the Petunia may be found in this mixture, whose flowers are richly undulated and fringed, and most beautifully veined. **Pkt., 25c; 500 seeds, \$1.00.**

**1965 Fine Mixed.** An assortment of medium sized flowers; fine for bedding. **Pkt., 10c; ¼ oz., 35c.**

**1970 Balcony Blue.** Adapted for vases and window boxes. **Pkt., 20c.**

**1975 Balcony Crimson.** **Pkt., 20c.**

**1972 Balcony Rose.** **Pkt., 20c.**

**1974 Balcony White.** **Pkt., 20c.**

**1975 Balcony Mixed.** **Pkt., 20c.**

**1980 Howard's Star.** Crimson with white star. **Pkt., 10c; ¼ oz., 50c.**

**1982 Rosy Morn.** A lovely rose with white throat. Fine for bedding or window boxes; constant bloomer. **Pkt., 10c; ¼ oz., 50c.**

**1983 Rose of Heaven.** Very dwarf, beautiful rose-pink. Excellent for bedding. **Pkt., 10c; ¼ oz., 50c.**

**NASTURTIUM, Tom Thumb or Dwarf Varieties.** H.A. These have a compact habit and attractive foliage; bloom in two months from sowing, and most profusely the whole season. 12 inches.

**1880 Holmes' Dwarf Rainbow Mixture.** These contain all the leading named sorts mixed. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.45.**

**NASTURTIUM, Tall or Climbing Varieties.** H.A.C. Adapted for rockwork, banks, covering trellises, or rustic work; the seeds, if picked young, are an excellent substitute for capers.

**1895 Holmes' Tall Rainbow Mixture.** Containing the best varieties. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.45.**

**NICOTIANA.** H.A.

**1905 affinis.** Fragrant, star-shaped, white flowers, blooming continuously. 3 feet. **Pkt., 10c; ¼ oz., 20c.**

**1907 Sanderae Hybrids.** All shades mixed. **Pkt., 5c; ¼ oz., 20c.**

**NIGELLA** (Love-in-a-Mist). H.A. Showy, with finely cut foliage, and centaurea-like flowers; blue and white mixed. 18 inches.

**1910 Finest Mixed.** **Pkt., 10c; ½ oz., 25c.**

**PANSY.** H.H.P. One of the most popular flowers grown, thriving best in a cool, moist, but well drained soil. Sow seeds in April and May for Summer flowering, and in August for early flowers the following Spring.

**1920 Holmes' Glorious Giants.** Saved from the largest flowers of the richest and most varied colors. **Pkt., 25c; ½ oz., \$1.25; ¼ oz., \$2.25; oz., \$8.00.**

**1922 Holmes' Royal Mixture.** This strain consists of the newest, best shaped and most handsome flowers in a wonderful variety of shades. **Pkt., 20c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$6.00.**



Nasturtium.





Physalis Francheti.

**POPPY.** Showy, free blooming—old-fashioned flowers. Very effective in mixed borders.

**2025 Holmes' Extra Selected Shirley.** A grand variety of brilliant dazzling colors and one of the freest flowering annuals. Fine for beds or cutting. Pkt., 10c; oz., 50c; ¼ lb., \$1.25.

**2030 Carnation-Flowered.** Large, very double, fringed flowers in brilliant colors. 2½ feet. Pkt., 10c; oz., 25c.

**2035 Peony-Flowered.** Large, showy, double, globular flowers, resembling a double peony; mixed colors. Pkt., 10c; oz., 25c.

**2037 Holmes' Finest Double Mixed.** Pkt., 10c; ¼ oz., 15c; oz., 30c.

#### Hardy Perennial Varieties.

**2040 orientale** (Large Oriental Poppy). Orange-scarlet, hardy Poppy. Pkt., 10c; ¼ oz., 30c.

**2041 Oriental Mixed Hybrids.** 3 feet. Finest shades. Pkt., 15c; ¼ oz., 50c.

**2045 Iceland Poppy.** Though these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. 12 inches. Pkt., 10c; ¼ oz., 40c.

**PHLOX Drummondii grandiflora.** H.A. Phlox occupy first place as a garden annual; one of the most brilliant in coloring and one of the easiest to grow from seed. Blooms a few weeks after sowing, and continues to delight the eye until killed by frost. Prefers a light rich loam and a sunny position. 12 inches.

**1990 Choicest Mixed.** Contains a very large variety of color. Pkt., 10c; ¼ oz., 25c; oz., 75c.

**PHLOX, Large Flowering Dwarf Varieties.** Effective for beds or borders. 6 inches.

**1995 Mixed Colors.** Pkt., 10c; ¼ oz., 60c.

#### PHLOX, Hardy Perennial.

**2000 decussata.** Brilliant colored flowers in Summer and Fall. No garden should be without these beautiful, fragrant blooms, beloved of the butterflies. Pkt., 15c; ¼ oz., 75c.

#### PHYSALIS (Chinese Lantern). H.B.

**2005 Francheti.** Attractive orange-red, balloon-like fruits; fine for Winter bouquets. Pkt., 10c; 3 pkts., 25c.

#### PINKS. (See Dianthus).

**POLYANTHUS** (Primula elatior). H.H.P. Showy, early Spring, free-flowering plants; fine for pot or outdoor culture. 9 inches.

**2010 Holmes' Royal Gold Laced.** 5 pkts., \$1.00.



Shirley Poppies.



Phlox Drummondii.

**PORTULACA.** H.A. One of the freest flowering dwarf annuals, especially adapted for sunny situations. Flowers of the most brilliant colors. 6 inches.

**2015 Single Mixed.** All colors. Pkt., 10c; ¼ oz., 25c; oz., 75c.

**2017 Double Large Flowering.** Of the most brilliant scarlet, yellow, white, etc. Finest mixed, pkt., 10c; ¼ oz., 75c; oz., \$2.50.

#### PRIMULA. G.P.

**2050 sinensis ambriata, Holmes' Giant** (Chinese Primrose). A charming, profuse flowering plant, indispensable for Winter and Spring decorations. Finest mixed. Pkt., 35c; 3 pkts., \$1.00.

**2055 obconica gigantea.** Finest mixed. Pkt., 20c.

**2060 malacoides.** A charming free-flowering pot plant; delicate lilac; known as Baby Primrose. Pkt., 15c.

**2070 japonica** (Hardy Primrose; Japanese Primrose). Mixed colors. Bright and showy flowers, borne in whorls on stems 6 to 9 inches long. Pkt., 15c.

**2075 vulgaris** (English Yellow Primrose). Canary-yellow; very fragrant. Pkt., 15c.



Portulaca.



Oriental Poppies.





Single Pyrethrum.

**PYRETHRUM.** H.P.P. Valuable hardy garden plants with large single or double flowers 3 to 4 inches across, all colors freely borne on long stems; excellent for cutting.

**2080 aureum, Golden Feather.** Bright yellow foliage. **Pkt., 10c; ¼ oz., 25c.**

**2083 Single.** Large-flowering, mixed colors. **Pkt., 10c.**

**2085 hybridum.** H.P. Double; large-flowering, beautiful colors. **Pkt., 25c.**

**RICINUS** (Castor Oil Plant). H.A. Ornamental plants of stately growth, tropical appearing foliage and brilliant colored seed pods. 6 feet.

**2090 cambodgensis.** Leaves large, rich colored maroon; the foliage assumes different shades as the plant increases in size. **Pkt., 10c; oz., 25c.**

**2092 zanzibarensis.** Immense leaves of gigantic proportions. 8 feet. **Pkt., 10c; oz., 25c.**

**2093 Crimson Spire.** A wonderful new variety with leaves of bronzy green, and brilliant rosy crimson seed spikes. **Pkt., 10c; oz., 40c.**

**2095 Mixed Varieties.** **Pkt., 10c; oz., 20c; ¼ lb., 60c.**



Ricin—Castor Oil Plant.

### RUDBECKIA.

**2098 bicolor superba.** H.A. Beautiful free-flowering annual, very showy, useful for cutting. Disk velvety brown; florets yellow. Height 2 feet. **Pkt., 10c; ¼ oz., 25c.**

**2100 Newmanni.** H.P. Bright orange with black cone. A grand Autumn-flowering plant. **Pkt., 15c.**

**2102 purpurea hybrida grandiflora.** (Giant Purple Coneflower). H. P. A most interesting hardy perennial, producing all Summer, large, showy reddish purple flowers, about 4 inches across. 2 feet. **Pkt., 15c.**



Salpiglossis.

**SALPIGLOSSIS** (Painted Tongue). This is one of the very finest annuals, of easiest culture, succeeding in any good ordinary soil in a sunny situation. The attractive gloxinia-like blossoms in a large and very unusual range of colors are produced freely. They are splendid for cutting, lasting well.

**2110 Large-Flowering.** Mixed colors. 2 feet. **Pkt., 10c; ¼ oz., 40c; oz., \$1.25.**

**SALVIA** (Flowering Sage). H.A. One of our most handsome Summer and Autumn flowering plants growing into compact bushes 2 to 3 feet high and literally ablaze with brilliant scarlet flowers.

**2115 America or Globe of Fire.** This is one of the freest and most continuous blooming of all Scarlet Sages, and the most uniform in habit of growth, making it especially valuable for bedding or planting in lines. 2 feet. **Pkt., 25c.**



Salvia, America.

**2117 Bonfire.** A splendid dwarf variety, with large, erect spikes of rich scarlet flowers. 2 feet. **Pkt., 10c; ½ oz., 50c.**

**2119 Harbinger.** Early flowering. The most brilliant of the Salvias. Plants are dwarf and compact, and the dark green foliage makes a striking setting for the dazzling bright red blooms. A perfect blaze of color until frost. 1 foot. **Pkt., 25c; 3 pkts., 60c.**

**2120 splendens** (Scarlet Sage). Bright scarlet. Height 3 feet. **Pkt., 10c; ¼ oz., 60c.**

**2122 Zurich.** A dwarf, free and early-flowering variety. A splendid bedder. 1½ feet. **Pkt., 15c; ¼ oz., 75c.**

**SCABIOSA** (Mourning Bride). H.A. One of our best Summer-flowering annuals. The rich and beautifully colored flowers are very handsome and excellent for cutting; profuse bloomer. June to October.

**2125 Peach Blossom.** A beautiful shade of peach blossom pink. The flowers are of very large size, perfect form, on long stems. Most charming cut flower. **Pkt., 15c; 2 pkts., 25c.**

**2127 Shasta.** This magnificent, pure snow-white variety is of enormous size, often measuring 3½ inches across on extremely long stems. **Pkt., 15c; 2 pkts., 25c.**

**2130 Finest Mixed.** All colors. Large flowering. A fine assortment. **Pkt., 10c; ¼ oz., 25c; oz., 60c.**

**2135 caucasica** (Blue Bonnet). H.P. One of the most beautiful of hardy perennials; fine for cutting, the blooms lasting well. Color silvery lavender-blue. **Pkt., 20c; 6 pkts., \$1.00.**

**SHASTA DAISY.** See page 47.



Scabiosa.



# Holmes' Giant Spencer Sweet Peas

## Orchid Flowered Varieties

This is a wonderful type of extraordinary size, often measuring two inches across, with wavy standards and wide-spreading wings. They usually bear four flowers to the stem, and look like beautifully colored butterflies.

Price of all named sorts: Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.20. Collection of one packet each of the following sorts for \$2.00.

- 2401 Austin Frederick, Improved. Giant lavender.
- 2403 Barbara. Fine salmon.
- 2405 Commander Godsall. Violet-blue.
- 2407 Constance Hinton. Mammoth white.
- 2409 Crimson King. Rich, deep crimson.
- 2411 Defiance. Glowing orange-scarlet, burnless.
- 2413 Elfrida Fearson. Large shell-pink.
- 2415 George Shawyer. Giant salmon-rose.
- 2417 Hawlmark Cerise.
- 2419 Hawlmark Pink.
- 2421 Hawlmark Scarlet.
- 2422 Hebe. Large bright pink.
- 2423 Illuminator. Salmon-orange overlaid cerise-pink.
- 2425 Majestic Cream. Large deep cream.
- 2427 Mary Pickford. Dainty cream-pink suffused salmon.
- 2429 Mrs. Tom Jones. Bright delphinium blue.
- 2431 Picture. Flesh pink suffused creamy apricot.
- 2433 Powerscourt. One of the finest lavenders.
- 2435 Royal Purple. As named.
- 2437 Snowball. Dazzling white.
- 2439 Tangerine Improved. Glowing orange.
- 2441 Valentine. Blush pink.
- 2443 Warrior. Deep maroon.

## 2460 Holmes' Rainbow Spencer Sweet Peas

This is a distinct variety, having large, round open flowers of extraordinary size, usually measuring two inches across, with wavy standards and wide-spreading wings. They are borne usually in fours, on long, strong stems, making them fine for cutting. They come in all the rich and varied shades imaginable, a truly royal rainbow shower of colors. They are

of rapid and strong growth, and stand up well after cutting. You

will not be disappointed in **Holmes' Rainbow Spencers.** Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00, postpaid.

*I am writing to let you know how perfectly beautiful the Sweet Peas are I bought from you. I have twenty-five feet of Holmes' Rainbow Spencer Sweet Peas and they are the most gorgeous peas I have ever seen. The flowers are enormous, all colors and lovely long stems. You do not praise them half enough in your catalog.—KATHERINE M. THOMPSON, Penna.*

## 2461 Holmes' Gorgeous Flowering Sweet Peas

This mixture contains all the colors of the rainbow from the best Grandiflora varieties. The individual blooms are large and the colors range from the pastel shades to the most pronounced and vivid colors. This is a fine mixture at a price within the reach of all. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00, postpaid.

## Pansy Swiss Giants

The flowers of this new strain are of enormous size, three inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. The most striking quality of this strain, however, is the wonderful colors and color combinations—very rare and entirely new—never before seen in Pansies, salmons, pinks, browns, bronzes, copper and reds. All flowers are 3 or 5 blotched or picotee or bordered white, bronze or gold. There are no self colors such as white, yellow and blue in this mixture. We welcome comparison of our strain with any on the market. Pkt., 50c.

### 1001 GARDEN QUESTIONS ANSWERED

By Prof. Alfred C. Hottes.

A guide book to daily operations covering the flower, vegetable and fruit garden. Cloth bound. \$2.15, postpaid.



Holmes' Giant Spencer Sweet Peas.



Sweet Peas are Exquisite in Coloring.





Stokesia.

**2192 Chrysanthemum-Flowered.** Rich golden yellow flowers, very double, resembling a chrysanthemum. 5 feet. **Pkt., 10c; oz., 25c.**

**2195 Miniature** (*Helianthus cucumerifolius*). Of pyramidal growth; covered with multitudes of small, single flowers of brightest orange. 3 feet. **Pkt., 10c; oz., 35c.**

**2200 Red Hybrids** (The Red Sunflower). Flowers vary in color from a rich chestnut red to red bordered with yellow. 4 feet. **Pkt., 10c; ¼ oz., 50c.**

**SWEET SULTAN.** (See *Centaurea*).

**SWEET WILLIAM** (*Dianthus Barbatus*). H.B. Showy hardy biennials of easy culture; splendid for beds and borders with their rich varied flowers. 1½ ft.

**2215 Giant Double Flowering Mixed.** **Pkt., 10c; ¼ oz., 50c.**

**2217 Pink Beauty.** Improved fine salmon-pink; very free flowering. **Pkt., 15c; ½ oz., 50c.**

**2219 Scarlet Beauty.** Rich deep scarlet; makes a great blaze of color. **Pkt., 15c; ½ oz., 50c.**

**2220 Single Flowering.** Finest mixed colors. **Pkt., 10c; ¼ oz., 25c.**



Verbena.

**SNAPDRAGON.** (See *Antirrhinum*).

**STOKESIA cyanea** (Cornflower Aster). H.P. Handsome centaurea-like blossoms measuring 4 to 5 inches across; of easy culture and most desirable for the hardy border or for cutting. 2 feet.

**2145 Finest Mixed.** A mixture of pink, purple, blue and white shades. **Pkt., 10c; ¼ oz., 30c.**

**STOCKS** (Gilliflower). H.A. One of the most highly prized of all our cultivated flowers. The delightful fragrance, free-blooming character and beautiful colors have made them as great a favorite for Winter cultivation in the greenhouse as for the garden in Summer. Fine for cut flowers.

**2150 Holmes' Giant Perfection Ten Weeks.** Perpetual blooming sort; very double, fragrant flowers. **Pkt., 10c; ½ oz., 75c.**

**2170 Finest Mixed.** All colors. **Pkt., 10c; ½ oz., 50c.**

**SUNFLOWER.** H.A. The larger varieties are very ornamental and useful for backgrounds or for distant effects, while the smaller sorts are fine for cutting.



Stocks.

**THUNBERGIA.** H.A.C. Very attractive climbing or trailing plants suitable for baskets, porch boxes, etc. White, sulphur and orange with different colored eye.

**2230 Finest Mixed.** **Pkt., 10c; ¼ oz., 40c.**

**TRITOMA** (Red Hot Poker; Flame Flower; Torch Lily). H.H.P. Useful for borders and cutting. Wonderfully vivid colors. 3 feet.

**2235 Hybrida Mixed.** Red and orange colors. **Pkt., 15c.**

**VERBENA.** H.A. A universal garden favorite, making a gorgeous display of brilliant flowers from Spring until late Autumn.

**2245 Helen Willmott.** A very bright pretty salmon-rose, with white eye. **Pkt., 15c.**

**2247 Mammoth White.** Large trusses of white flowers. **Pkt., 10c.**

**2248 Mammoth Blue.** Bright blue and purple in various shades. **Pkt., 10c.**

**2249 Mammoth Lucifer.** Intense brilliant scarlet. One of the best. **Pkt., 15c.**

**2251 Mammoth Mayflower.** A beautiful pink variety. **Pkt., 10c.**

**2253 Mammoth Finest Mixed.** This mixture contains all the colors of the rainbow, including the dazzling Lucifer, Royal Purple, lovely pink, white, blue, etc. This will give you a bed of surpassing loveliness throughout the Summer. **Pkt., 10c; ¼ oz., 50c; oz., \$1.50.**

**2260 Lemon Verbena** (*Aloysia citriodora*). This is the old-fashioned favorite with delightfully scented pale green leaves. **Pkt., 10c.**

**VINCA** (Periwinkle). H.H.P. Splendid free-flowering plants, much used for bedding plants.

**2265 Mixed Colors.** 2 feet. **Pkt., 10c; ½ oz., 15c.**

**VIOLA** (Tufted Pansy). H.H.P. Valuable for bedding, and may be grown in the same manner as pansies. 6 inches.

**2275 Finest Mixed.** All colors. **Pkt., 15c.**

**2285 VIOLET** (*Viola odorata*). H.P. Sweet Scented Violets. Blue. 6 inches. **Pkt., 25c.**

**WALLFLOWER.** H.H.P. Well known, deliciously fragrant, half-hardy perennials, blooming early in the Spring, bearing spikes of beautiful flowers. A splendid range of colors from bright yellow, through shades of red to brown. 12 inches.

**2290 Double Fine Mixed.** **Pkt., 15c; ¼ oz., \$1.25.**





Holmes' Double Giant Zinnias.

**Double Lilliput or Pompon Zinnias.** A very pretty type of compact habit, not over 15 inches high, bearing freely, small densely double flowers on long stems held well above the foliage. Makes a good line or bed and very satisfactory for cutting.

**2370 Finest Mixed.** Contains all colors. Pkt., 10c; ¼ oz., 30c.

**2375 Holmes' Giant Picotee.** A remarkable new and distinct class with beautiful double flowers in all the most pleasing shades, each petal being distinctly tipped with various darker shades, resembling the Picotee carnations. Pkt., 15c; ¼ oz., 50c.

**ZINNIA** (Youth and Old Age). H.A. This is one of the most brilliant and showy of all our annuals. The flowers are large, very handsome and borne in great profusion. Easily grown, but preferring a sunny situation. 2 feet.

**Holmes' Double Giant Zinnias.**

**2310 Double Crimson.** Pkt., 10c.

**2312 Double Salmon.** Pkt., 10c.

**2314 Double Purple.** Pkt., 10c.

**2315 Double Rose.** Pkt., 10c.

**2317 Double White.** Pkt., 10c.

**2318 Double Yellow.** Pkt., 10c.

**2320 Double Fine Fixed.** Pkt., 10c; ¼ oz., 40c; oz., \$1.25.

**Giant Dahlia-Flowered.** This is the latest development in Zinnias, bearing flowers of mammoth size closely resembling a decorative dahlia. The large size, fullness of petals, extraordinary color range and good keeping qualities have all contributed to this flower's popularity. This strain was granted the Award of Merit by the Royal Horticultural Society of England. 2½ feet.

**2350 Buttercup.** Deep creamy yellow. Pkt., 20c; ¼ oz., 60c; oz., \$2.00.

**2352 Crimson Monarch.** Largest of the red shades. Pkt., 20c; ¼ oz., 60c; oz., \$2.00.

**2354 Dream.** Deep lavender, turning to purple. Pkt., 20c; ¼ oz., 60c; oz., \$2.00.

**2356 Exquisite.** Light rose, with center a deep rose. Pkt., 20c; ¼ oz., 60c; oz., \$2.00.

**2358 Oriole.** An immense orange and gold bicolor. Pkt., 20c; ¼ oz., 60c; oz., \$2.00.

**2359 Polar Bear.** A very large, pure white. Pkt., 20c; ¼ oz., 60c; oz., \$2.00.

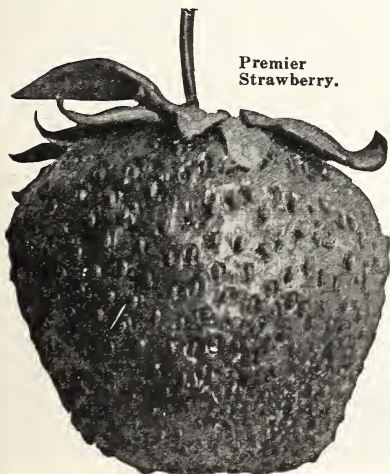
**2365 Dahlia-Flowered Mixed.** Collection of six varieties Pkt., 20c; ¼ oz., 60c; oz., \$2.00.



Giant Dahlia-Flowered Zinnia.

## 2300 WILD GARDEN FLOWER SEEDS

This is a well balanced mixture of hardy annuals, suitable for planting in odd corners or vacant lots. Will give a continuous succession of cut flowers, beautiful and fragrant from early Summer to late Fall. Oz., 25c; ¼ lb., 90c.



Premier Strawberry.

## Strawberry Plants

These are **quality plants**, grown under the supervision of a Strawberry specialist. Every order will be carefully packed and is guaranteed to reach you in satisfactory condition. If they, for any reason, should arrive in bad condition or in any way unsatisfactory, we will replace them without charge when advised within three days after arrival of the plants.

	25	50	100	500	1000
<b>Premier.</b> Early .....	\$0.50	\$0.85	\$1.35	\$4.75	\$8.50
<b>Cooper.</b> Medium .....	.50	.85	1.35	4.75	8.50
<b>Aroma.</b> Late .....	.50	.85	1.35	4.75	8.50
<b>Mastodon</b> Everbearing .....	1.00	1.85	3.00	11.00	20.00

All prices are postpaid or express paid by us. State when you wish your plants sent to you.

## A LITTLE BOOK OF PERENNIALS

By Prof. Alfred C. Hottes.

For the Amateur and Professional. Companion book to the Little Book of Annuals. \$1.65, postpaid.



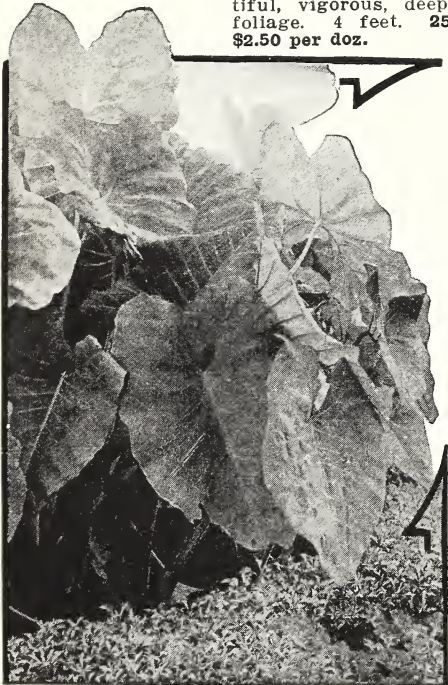
# Cannas

## The Best Large Flowering Sorts

For grouping on lawns, and for large, massive beds, no plants are more effective. They are not particular as to soil, although they do best in a sunny, well drained situation. Plant the roots any time after danger from frost is past. The improved, large-flowering sorts bloom from early Summer until Fall.

**THE PRESIDENT.** Green foliage. Color bright glistening scarlet. The individual florets often measure seven inches across when open. The flowers are borne on firm, upright stems, just high enough above the foliage to show the entire head. Height 5 feet. **Dormant roots, 25c each; \$2.50 per doz.**

**KING HUMBERT.** The most popular of all Cannas. Great orange-scarlet flowers surmount beautiful, vigorous, deep bronze foliage. 4 feet. **25c each; \$2.50 per doz.**



Caladium.



Cannas—Beautiful in Foliage and Flower.

**CHEERFULNESS.** Its name aptly describes the lively beauty of this charming variety. Bright fiery deep orange florets which are broadly bordered golden yellow. The large trusses are carried very erect over the massive foliage and are produced in great profusion. 3½ feet. **25c each; \$2.50 per doz.**

**HUNGARIA.** An ideal pink bedder, flowers large in good sized trusses produced very freely, color a beautiful clear rose. 3½ feet. **25c each; \$2.50 per doz.**

**EUREKA.** The best white. The large substantial flowers are freely produced on vigorous, upright stalks. 4½ feet. **25c each; \$2.50 per doz.**

**MRS. ALFRED CONARD.** 4 feet. Often called "Queen of Cannas." Its large, exquisitely shaded salmon-pink flowers are produced in great abundance. **30c each; \$3.00 per doz.**

**RICHARD WALLACE.** This is an ideal bedding variety; color a canary-yellow. The flowers are of good size held well above the foliage. Height 4 feet. **25c each; \$2.50 per doz.**

**YELLOW KING HUMBERT.** A sport from the bronze-leaved, red-flowering King Humbert. Flowers are yellow dotted orange-scarlet. The occasional reversion of a stalk of foliage and flowers to the typical King Humbert makes a bed of this variety very interesting. 4½ feet. **25c each; \$2.50 per doz.**

**CHOICE MIXED CANNAS.** We have odds and ends, small lots of a kind, stray plants that get mixed in with other varieties, and so on, and these we put all together in a mixture. They are all first class named varieties, but we cannot promise you any particular color or variety. **6 for 50c; 90c per doz.; \$8.00 per 100, postpaid.**

## Caladium Esculentum

One of the most effective in cultivation for beds, borders, or for planting out upon the lawn. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands six to ten feet high, and bears immense light green leaves, 3 to 4 feet long by 2½ feet wide. **Mammoth Bulbs, 50c each; \$4.00 per doz.; postpaid, 60c each; \$4.50 per doz. Large Bulbs, 30c each; \$3.00 per doz.; postpaid, 40c each; \$3.50 per doz. First Size Bulbs, 20c each; \$2.00 per doz.; postpaid, 25c each; \$2.25 per doz.**

## Tuberose, Excelsior Dwarf Double Pearl

24 to 30 inches high. Does not require staking as the stems are dwarf and stiffly erect, with long spikes. Flowers large, full double, pure white and extremely sweet. Not hardy. **10c each; 3 for 25c; 12 for 75c; 25 for \$1.25; 50 for \$2.25; 100 for \$4.25, postpaid.**

## Madeira or Mignonette Vine

This is an old favorite climbing vine, of rapid growth, with fleshy, heart-shaped, light green leaves and clusters of pure white, fragrant flowers. A free and constant bloomer. Suitable for trellis, porch, etc. Not hardy. **10c each; 3 for 25c; \$1.00 per doz., postpaid.**

## Cinnamon Vine

Dark green foliage, thick and glossy and free from insects; white blossoms with a delightful cinnamon-like odor. Will quickly and satisfactorily cover an arbor, trellis, wall or fence for shade or screen purposes. It will thrive anywhere, and when once established will grow for years. Grows 15 to 25 feet high. **10c each; 3 for 25c; 6 for 45c; 85c per doz., postpaid.**

## Tigridia

(Shellflower of Mexico)

Few flowers are more gorgeously colored or so beautiful. Plant in sunny positions in a flower border in well drained soil. Put a little sand under the bulb. Can also be used in beds. Blooms from middle of July to September. **Mixed, 25c each; 3 for 70c; \$2.50 per doz.**



Cinnamon Vine.



# Holmes' Select Dahlias

Dahlias are among the finest late-blooming plants in the garden. They show a wide range of colors in various forms and a mixed bed will display a wealth of interest in the late Summer and early Fall.

## Decorative Dahlias

**ALASKA.** One of the very finest white decorative Dahlias. Flowers of finest form and borne erect on rigid stems. Exhibition or cut flower. **35c each.**

**BASHFUL GIANT.** Color golden apricot, shaded darker. A very large exhibition flower. **50c each.**

**BREEZE LAWN.** Dazzling vermilion, of large size, perfect form, and full center. Early and profuse bloomer. **50c each.**

**DR. TEVIS.** Bronzy old gold, shaded and suffused violet-rose. Fine, exhibition flowers borne on erect stems. **50c each.**

**INSULINDE.** One of the finest and most artistic Dahlias of distinct form with petals twisted and curled. Stems are two to three feet long, and flowers 9 to 10 inches across. Color a rich saffron-yellow shaded russet orange. **75c each.**

**JERSEY'S BEAUTY.** A fine, large pink; a strong grower with good stems. **75c each.**

**JERSEY'S PRIDE.** Very large; fine form. Color buff yellow suffused pink. **75c each.**

**JUDGE MAREAN.** A wonderful blending of yellow, gold and orange suffused pink and edged red. **\$1.00 each.**

**MINA BURGLE.** This splendid variety was raised by Burgle, gardener at the Mare Island Navy Yard. Color rich cardinal-red, it is of fine form. The plant is a strong, vigorous grower, producing the flower freely on long, stiff stems. 5 feet. The best red Dahlia. **35c each.**

**MRS. I. DE VER WARNER.** Mauve-pink; very large; of finest form, on long, stiff stems. **50c each.**

**PATRICK O'MARA.** This sensational decorative variety was awarded a Gold Medal by the American Dahlia Society, as the best Autumn shade variety in existence. The color is an unusually soft and pleasing shade of orange-buff, slightly tinged with Neyron rose. It is large, 7 inches in diameter, and borne on long, strong, erect stems. It is a strong, vigorous grower and free bloomer. The flowers are well formed, while the outer petals are most pleasingly irregular. **50c each.**

**ROBERT TREAT.** The American Beauty colored Dahlia. A strong, vigorous grower and free bloomer. Beautiful form and large size. **\$1.00 each.**

## Cactus Dahlias

**AMBER GLOW.** Yellow, shaded amber; immense flowers, with long, narrow quilled petals. **75c each.**

**COUNTESS OF LONSDALE.** Yellow, suffused salmon-red, overlaid lavender. Early and profuse bloomer. Splendid garden variety. **35c each.**

**DADDY BUTLER.** Rosy carmine, reverse of petals lighter. Large free bloomer on stiff stems. **\$1.00 each.**

**ELSIE DREXLER.** Deep, velvety maroon. Large flowers are produced freely on long, straight stems. Size 7½ inches; height 5 feet. **75c each.**

**GOLDEN WEST.** Absolutely the best golden bronze cut flower Cactus in existence. **50c each.**

**MAE GREEF.** A beautiful shade of pink; extremely large flower with long stem. A dependable bloomer of sturdy growth. **\$1.00 each.**

**MRS. ROBERT H. GROFF.** Beautiful pure white, of medium size, 5 to 6 inches, and an extremely profuse bloomer. Petals are long, narrow and beautifully curved. **\$1.50 each.**

**PAPILLON.** Light golden yellow suffused old rose. Large, fine form and free bloomer. **\$1.00 each.**

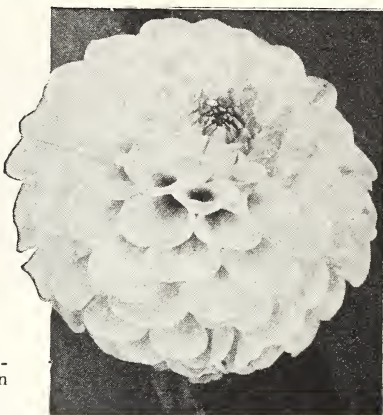
**PIERROT.** Immense size with long, incurved petals; deep amber, distinctly tipped white, sometimes solid amber. A magnificent exhibition and garden variety. **50c each.**

**SUNSET GLOW.** This is a world beater. The color is yellow at base of petal, outer part overlaid flame scarlet, lightly tipped yellow. One of the first to bloom, medium height and branching habit. It is a profuse bloomer and every flower is perfect. **75c each.**

## MODERN DAHLIA CULTURE

By W. H. Waite

There are plenty of books one might like to own, but this one is practically insurance for Dahlia success. **\$1.50, postpaid.**



Decorative Dahlia.

## Show and Fancy Dahlias

**A. D. LIVONI.** Clear cerise-pink, quilled petals. A free bloomer and a great favorite. **25c each.**

**AUGUS MEGAR.** Large flowers of good form; a pleasing lavender-purple color. **50c each.**

**GOLD MEDAL.** Deep golden yellow, tipped and suffused oriental red; splendid form; very striking and effective. **50c each.**

**MAUDE ADAMS.** One of the most delicately lovely of this class, being a clear shell-pink. An early and free bloomer on fine, stiff stems. **35c each.**

**RED DUKE.** Rich dazzling cardinal-red; splendid form with quilled petals. **25c each.**

## Collarette Dahlias

**ARDEN.** Very rich and effective, deep golden yellow, blotched vivid orange-crimson, collar pure yellow. **35c each.**

**DORIAN.** Rich crimson, shaded maroon. Collar white suffused crimson. **25c each.**

**MAURICE RIVOIRE.** Rich crimson-maroon, white collar. Strong, vigorous grower, profuse bloomer. Very effective. **25c each.**

## Peony-Flowered or Art Dahlias

**AUTUMN GLOW.** Wonderful garden variety, strong grower and an early, profuse bloomer. Color yellow, tipped scarlet. **35c each.**

**CITY OF PORTLAND.** The largest and most beautiful yellow of this type; color clear canary-yellow. **75c each.**

**DE. STEM.** The best of all red Peony-flowered Dahlias. Flowers 8 to 10 inches in diameter, produced on stiff stems. Color is a bright scarlet-red, reflexed eugenia red. **\$1.00 each.**

**ROSALIA STYLES** (Colossal Peony-flowered Dahlia). The largest and best pink of this class. Beautiful form, immense size, stiff stems, strong plant, and a free and continuous bloomer. A lustrous bright Tyrian pink, tipped lighter, reflex pink. **50c each.**

**RODMAN WANAMAKER** (Decorative Peony-flowered Dahlia). The greatest Autumn colored Dahlia in existence. The buds are pale lemon-yellow as is each petal when it first expands, quickly developing into a golden salmon-pink, and finally into a beautiful bright shade of ochraceous salmon, with a reflex of spinel pink. The flowers are of splendid texture with a luminous sheen. Immense flowers on long, stiff stems. **\$4.00 each.**



Cactus Dahlia.





Mrs. Frank Pendleton.

# Gladiolus

## Holmes' Up-to-Date Named Varieties

**ALICE TIPLADY.** A striking orange-yellow color. It has been a great prize winner. 10c each; \$1.00 per doz.; \$7.00 per 100.

**AMERICA.** Immense flowers of exquisite soft pink. Strong grower, free bloomer, tall, well furnished spike. 5c each; 60c per doz.; \$4.00 per 100.

**BARON HULOT.** Full round flowers of rich velvety purple-violet, lighter in the throat; splendid tall, well furnished spike. 10c each; \$1.00 per doz.; \$7.00 per 100.

**E. J. SHAYLOR.** Tall spike, beautiful large blooms of a clear deep rose-pink. 10c each; \$1.00 per doz.; \$7.00 per 100.

**EVELYN KIRTLAND.** Flowers of strong substance, beautiful rosy pink, darker at edges, fading to shell-pink at center with brilliant scarlet blotches on lower petals, the entire flower showing a glistening, sparkling luster. Very tall spike. 10c each; \$1.00 per doz.; \$7.00 per 100.

**FLORA.** One of the best yellows. Pale corn-yellow with delicate lines on lower petals. 15c each; \$1.50 per doz.; \$10.00 per 100.

**HALLEY.** Immense flowers of bright orange-rose and having a softer yellowish tint in the throat. 10c each; 75c per doz.; \$5.00 per 100.

**LE MARECHAL FOCH.** A recent introduction having enormous flowers of a beautiful delicate pink, the finest variety of its color in existence. 10c each; \$1.00 per doz.; \$7.00 per 100.

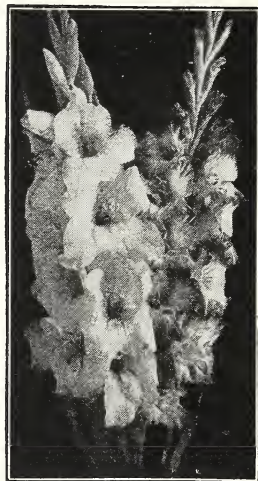
**L'IMMACULEE.** A beautiful pure white; very tall grower. 10c each; \$1.00 per doz.; \$7.00 per 100.

**MARY PICKFORD.** A delicate creamy white. Throat finest sulphur-yellow. 15c each; \$1.50 per doz.; \$10.00 per 100.

**MRS. DR. NORTON.** La France pink, shading to very pale pink at throat. Lower petals have deep cream bases with carmine pencilings. 10c each; \$1.00 per doz.; \$7.00 per 100.

**MRS. FRANK PENDLETON.** Immense round flowers. Color most attractive; vivid pink toning off blush, the lower petals having velvety orange-red blotches in the throat. Tall, strong grower. 10c each; 75c per doz.; \$5.00 per 100.

**MRS. FRANCIS KING.** A most beautiful and vivid pink. 18 to 20 immense flowers borne on a long, strong spike. 10c each; 75c per doz.; \$5.00 per 100.



America.

**PRINCE OF WALES.** A large, tall-growing variety with heavy blooms of bright coral-pink. Particularly handsome and artistic. 10c each; \$1.00 per doz.; \$7.00 per 100.

**PURPLE GLORY.** The large spikes carry enormous flowers of a deep purplish maroon shade. When seen under certain conditions of light, the flowers appear almost black. The edges of the petals are beautifully ruffled. 35c each; \$3.50 per doz.

**SCHWABEN.** Light yellow with small red blotch. The best flowering sort of this color. 10c each; 75c per doz.; \$7.00 per 100.

**WAR.** Magnificent variety; rich ox-blood-red, shaded darkest crimson. 15c each; \$1.50 per doz.; \$10.00 per 100.

**WILBRINCK.** Flesh-pink, with yellowish blotch on lower petals. Good cut flower and forcer. 10c each; \$1.00 per doz.; \$7.00 per 100.

### Holmes' Rainbow Mixture

An unexcelled blend of the largest possible number of fine and distinct varieties of Gladioli. This is a specialty of ours and not to be compared with ordinary mixtures. Selected bulbs. 70c per doz.; \$5.00 per 100; \$42.00 per 1000.

### Primulinus Hybrids

A very select mixture from the newest hybrids, of the most beautiful and delicate tints. No race of Gladioli contains such harmonious color blendings.

**SELECTED MIXED HYBRIDS.** 50c per doz.; \$3.50 per 100; \$30.00 per 1000.

### Extra Choice Mixture

They include almost every shade of cream, pink, salmon-pink, blush, rose, lavender, pink, bright red, scarlet and crimson. Immense flowers, closely set on long stems. 50c per doz.; \$3.00 per 100; \$27.50 per 1000.



Gladioli—  
Beautiful  
in Color  
and of  
Long  
Keeping  
Quality.  
Valuable  
as Cut  
Flowers.





# Planet Jr. Garden Tools

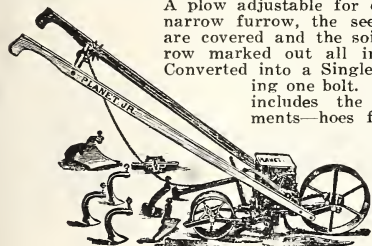


Planet Jr. Farm and Garden Tools have been on the market for fifty years and are favorably known throughout the world. Made by experienced manufacturers who are experienced farmers and gardeners as well, the design of each tool is right up to the minute. They are specialized tools made by specialists in the farm machinery manufacturing business, and will be giving you A1 service long after you have forgotten their initial cost.

## No. 4 Combined Hill and Drill Seeder and Single Wheel Hoe

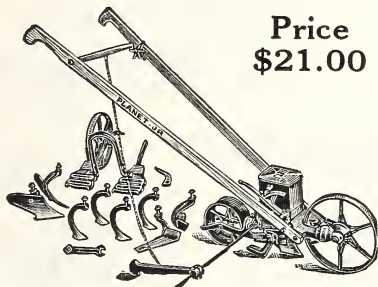
The No. 4 is a combination of the most useful tools for a home garden. Plants almost all vegetable seed in continuous rows or in hills four, six, eight, twelve or twenty-four inches apart.

A plow adjustable for depth opens a straight narrow furrow, the seeds are dropped in it, are covered and the soil firmed and the next row marked out all in the same operation. Converted into a Single Wheel Hoe by changing one bolt. Cultivating equipment includes the most useful attachments—hoes for weeding and shallow cultivation—cultivator teeth for deeper and general cultivation—and the plow for furrowing and ridging.



Price  
**\$18.00**

## No. 25 Combined Hill and Drill Seeder, Double and Single Wheel Hoe



Price  
**\$21.00**

"The Complete Gardener." Plants practically all vegetable seeds at the proper depth in straight and narrow continuous rows or in hills four, six, eight, twelve or twenty-four inches apart. Easily changed into a Double or Single Wheel Hoe. Attachments are those most needed—hoes for weeding and shallow cultivation—cultivator teeth for general and deeper cultivation and plows for furrowing, covering and weeding.

## "Skaboo" Cultivator

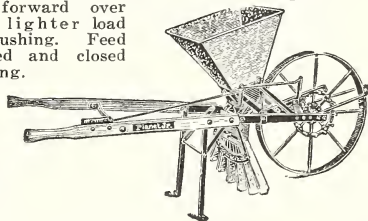
Price **\$5.00**



A complete 5-shovel cultivator with detachable double point reversible shovels. Adjustable from 10 to 14 inches in cutting width. A garden tool that will please the most exacting. Completely bundled. Weight 21 pounds.

## No. 220 Fertilizer Distributor

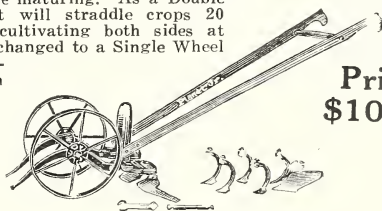
Capacity one bushel. Will distribute 100 to 2000 pounds of commercial fertilizer to the acre. Six adjustable spouts spread from four to thirty inches. Equipment includes plates for closing up five spouts or three spouts on either left or right side. Hopper placed well forward over wheel making lighter load and easier pushing. Feed can be opened and closed without stopping.



Price  
**\$27.00**

## No. 12 Double and Single Wheel Hoe

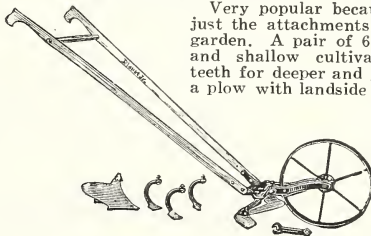
Equipment includes attachments needed in the average garden. One pair 6-inch hoes for shallow cultivation and weeding, four cultivator teeth for deeper and general cultivation and a pair of leaf lifters which are useful in protecting the leaves and vines when crops are maturing. As a Double Wheel Hoe it will straddle crops 20 inches high, cultivating both sides at once. Easily changed to a Single Wheel Hoe for working between rows.



Price  
**\$10.50**

## No. 17 Single Wheel Hoe

Very popular because equipment includes just the attachments needed in the average garden. A pair of 6-inch hoes for weeding and shallow cultivation, three cultivator teeth for deeper and general cultivation and a plow with landside for hilling, furrowing, ridging and plowing. Light and easy to handle. All steel—unbreakable.

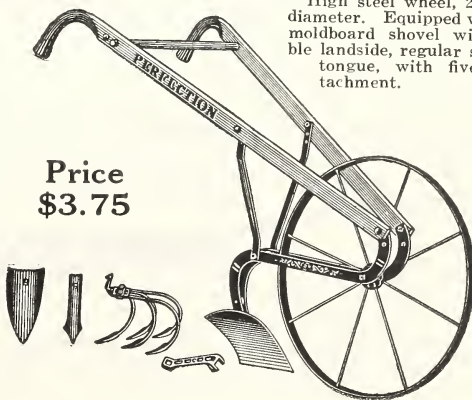


Price  
**\$7.75**

## Perfection Cultivator

High steel wheel, 24 inches in diameter. Equipped with 4 tools: moldboard shovel with adjustable landside, regular shovel, bull-tongue, with five-prong attachment.

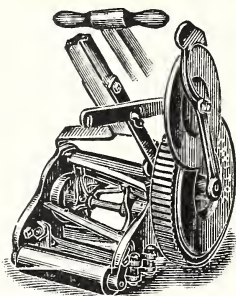
Price  
**\$3.75**





**CAPITAL LAWN TRIMMER  
AND EDGER**

This can be converted into either a trimmer or an edger in a few seconds by turning the machine over and making a slight adjustment of a brace rod. Price, \$11.00.

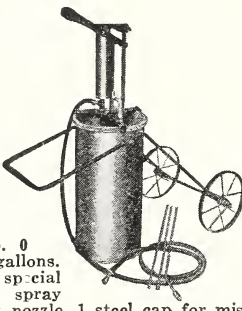
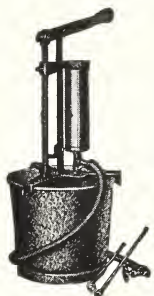
**COMPRESSED AIR SPRAYER**

These sprayers will spray potatoes, shrubbery, trees, etc., perfectly and are tested with 50 lbs. pressure before leaving factory. All sprayers guaranteed. Complete with hose, rod and nozzle.

Auto Spray. Galvanized .....\$5.50  
Auto Spray. Brass ..... 8.75  
Auto Spray Pop Nozzle ..... 1.50

**PARAGON  
SPRAYER  
No. 3**

Equipped with a 12-gal. tank, mounted on a truck; 7½-ft. extension pipes, 2 nozzles and 10 ft. of hose. Price, \$25.00.

**PARAGON No. 0**

Capacity 3½ gallons. Equipment: 4 ft. special spray hose, 3 ft. spray pipe, 1 mist spray nozzle, 1 steel cap for mist nozzle, 1 straight spray. Price, \$12.50.

**FOUR-TINE ENGLISH DIGGING FORK—No. ED4D**

The slender, square, sharp tines of this fork enter the ground with ease. Tines, shank and strap are forged from one solid piece of steel, making it unusually strong. \$2.50.

**FLORAL SHOVEL—No. FSD**

A light shovel for ladies' use, suitable for planting shrubbery, transplanting plants, digging bulbs, etc. Blades are curved, making it easy to remove soil from a hole or trench. 85c.

**SPEEDY CULTIVATOR—No. SC4**

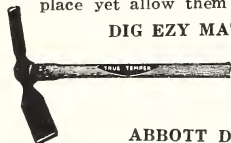
A time-saving tool for preparing the ground for seeding, and for cultivating after planting. Unusually useful for flowers and shrubs. \$1.00.

**INVINCIBLE GARDEN CULTIVATOR—No. IGC5**

A popular tool for the gardener who prefers a hand cultivator. The spread and number of teeth are adjustable. Individual eyebolts hold each tooth firmly in place yet allow them to be removed to fit the task. \$1.00.

**DIG EZY MATTOCK HOE—No. DE3**

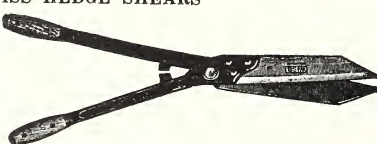
A sturdy, well-balanced garden tool made to cut off roots and break up hard soil. Handle tightens with use. \$1.25.

**ABBOTT DOCK CUTTER—No. 39A**

An effective tool for cutting thistle and dock. The V-shaped cutting edge severs the root easily. Shank, footrest and blade forged from one piece of solid steel. \$1.75.

**WISS HEDGE SHEARS**

One edge serrated and one knife edge. Forged steel handles with wood grips, tempered steel blades, substantial ⅝" bolt with nut and lock washer, gun metal finish, nickel finish blades. Guaranteed perfect in workmanship and materials.

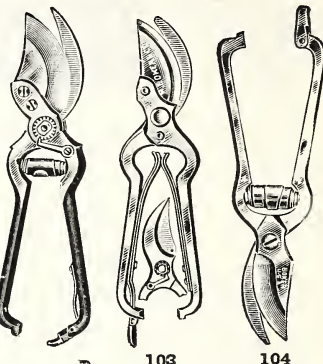
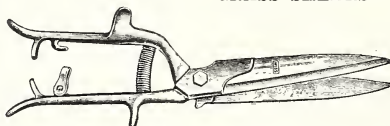


Size, 6½ in.; weight, each, 2 lbs. 5 ozs.; price, each .....\$2.75  
Size, 8 in.; weight, each, 3 lbs. 5 ozs.; price, each ..... 3.25  
Size, 9 in.; weight, each, 3 lbs. 8 ozs.; price, each ..... 3.50

**Pruning  
Shears**

Our pruning shears are procured from the most reliable makers and all are fully guaranteed. If wanted by parcel post, add 15c each for postage.

No. 100 .....\$1.00  
No. 209 ..... 1.50  
No. 103 ..... 2.50  
No. 104 ..... 1.75  
No. 100, Wiss ..... 3.50

**GRASS SHEARS**

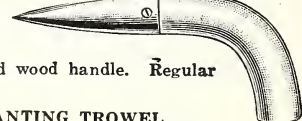
Very useful for trimming the edges and borders of lawns, flower beds, etc. Entire length of shear 12 inches, blades 6 inches. Price, \$1.00; postpaid, \$1.10.

**DIBBLES OR DIBBERS**

Just the tool for transplanting tomatoes, cabbage, celery, etc.

Brass Dibber. Brass point and wood handle. The best Dibber. Polishes quickly; does not rust. Price, \$1.00.

Steel Dibber. Steel point and wood handle. Regular size. Price, 80c each.

**TRANSPLANTING TROWEL**

No. 81. One-piece heavy pressed steel. Blade 6¼ inches long. Price, 25c.

**GARDEN WEEDER**

No. 82. One-piece heavy pressed steel. Has five corrugated fingers with ground and polished points. Round handle. Price, 25c.

**GARDEN TROWEL**

No. 80. One-piece heavy pressed steel. Blade 6¼ inches long. Price, 25c.

**SOCKET GARDEN TROWEL—No. DST**

A trowel made for long life and hard service. Blades forged from one solid piece of high grade steel, tempered and polished. 85c.

**WEEDER—No. BW1**

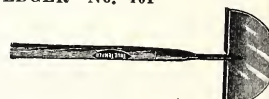
A very practical tool for weeding and thinning beets, radishes and other small seedlings that are drilled in the garden row. 25c.

**WARREN HOE—No. W7**

An excellent tool for opening the seed row, covering furrows, hilling, cultivating and weeding. Turned point up, the convex ears are used for filling in the seed furrow. Has more uses than any other hoe made. \$1.15.

**FLAT TOP TURF EDGER—No. 40F**

This turf edger has the upper edge of the blade turned over to furnish a flat surface for the foot. Especially suitable for edging thick sod where pressure is needed in cutting. \$1.25.

**BRUME RAKE—No. FBR22**

A light, strong lawn broom, with flat, tempered spring steel teeth. The broomlike sweeping motion of this rake removes leaves and twigs from lawn, garden or drives, cleanly and without pulling the grass roots. \$1.25.





**Earthen Flower Pots**

These cannot be sent by Parcel Post.  
Azalea pots same prices.

Height and Width Inside	Each	Doz.	100	1000
2 inch ...	\$0.02	\$0.13	\$0.91	\$7.88
2 1/4 inch ...	.02	.14	1.03	8.93
2 1/2 inch ...	.02	.17	1.20	10.50
3 inch ...	.03	.21	1.56	13.65
4 inch ...	.04	.33	2.40	21.00
5 inch ...	.07	.59	4.32	37.80
6 inch ...	.09	.88	6.48	56.70
7 inch ...	.15	1.46	10.80	94.50
8 inch ...	.22	2.11	15.60	136.50
9 inch ...	.33	3.26	24.00	
10 inch ...	.45	4.38	32.40	
11 inch ...	.66	6.48	48.00	
12 inch ...	.91	8.91	66.00	
14 inch ...	1.48	14.58	108.00	

**Earthenware Saucers**

Diam.	Each	Doz.	100
4 inch ...	\$0.03	\$0.25	\$1.80
5 inch ...	.04	.33	2.40
6 inch ...	.06	.49	3.60
7 inch ...	.07	.65	4.80
8 inch ...	.10	.90	6.60
9 inch ...	.14	1.22	9.00
10 inch ...	.15	1.46	10.80
11 inch ...	.19	1.79	13.20
12 inch ...	.23	2.19	16.20
14 inch ...	.37	3.65	27.00

NOTE. Earthenware cannot be packed for shipment by parcel post.

**Bulldog Clips**

For fastening packages, boxes, etc. 75c per box of 1000; 10 boxes for \$6.50.

**Glazing Points**

Zinc Nails. Two sizes: 5/8- and 3/4-inch. 40c per lb.; postpaid, 50c. 5 lbs., \$1.90; postpaid, \$2.15. 10 lbs., \$3.75; postpaid, \$4.00.

**Rubber Plant Sprinklers**

Either Straight or Crook Neck.

10 oz. capacity .....\$1.15  
8 oz. capacity ..... 1.00  
If wanted by mail, add 10c each for postage.

**Paper Flower Pots**

Not Prepaid			
Diam.	Doz.	100	1000
2 1/4 inch ...	\$0.12	\$0.44	\$3.57
2 1/2 inch ...	.15	.52	4.50
3 inch ...	.18	.70	6.09
3 1/2 inch ...	.20	.91	7.82
4 inch ...	.25	1.14	9.77
5 inch ...	.30	1.77	15.07
6 inch ...	.45	2.37	20.05

Sizes marked (\*) are packed 500 to a crate; other sizes 1000. Special price will be quoted on Paper Pots f. o. b. factory.

**Round Plant Stakes**

These are painted green and nicely tapered and finished.

	Each	Doz.	100
1 1/2 feet ...	\$0.04	\$0.35	\$2.10
2 feet ...	.06	.55	3.75
2 1/2 feet ...	.07	.75	5.50
3 feet ...	.10	1.00	7.00
3 1/2 feet ...	.11	1.15	8.00
4 feet ...	.13	1.40	10.50
5 feet ...	.16	1.85	12.50

**Japanese Cane Stakes**

	Doz.	100	1000
6 feet ...	\$0.35	\$1.50	\$11.00
6 feet, 5/8 to 3/4 in. ....	1.00	7.00	60.00

**No. 8 Steel Wire Galvanized**

For staking American Beauty and other strong growing roses.

	Doz.	100	1000
4 feet ...	\$0.40	\$2.25	\$16.75

**Painted Pot Labels**

If wanted by parcel post, add 10c per 100 and 20c per 1000 for postage.

No. in Pkg.	100	1000
4 inch ...	\$0.25	\$1.75
5 inch ...	.35	2.20
6 inch ...	.40	2.65
8 inch ...	.250	1.05
10 inch ...	.250	1.30
12 inch ...	.100	1.50
18 inch. For field use..	6.00	54.00
TREE LABELS. 3 1/2 inch. Notched, copper wired, painted. 40c per 100; \$2.00 per 1000.		

**Plant Tubs**

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust.



No.	Inside Diam.	Depth	Each
3 .....	8 in.	8 in.	\$0.90
5 .....	10 in.	9 in.	1.10
7 .....	12 in.	11 in.	1.50
9 .....	14 in.	13 in.	2.10
11 .....	16 in.	15 in.	2.65
13 .....	18 in.	17 in.	3.35
14 .....	19 in.	18 in.	3.75

**Peat Moss**

(Torf Mull). Imported granulated. A great soil improver; used extensively by leading florists, for mixing with potting soil, for propagating benches, also for packing bulbs and plants; useful for mulching in the flower and vegetable garden. Per bale, \$4.00; 5 bales at \$3.85 per bale.

**Sphagnum Moss**

Bright, clean, long Sphagnum Moss; florists will find the quality much better than the average. For carloads, write us. Bales burlapped. Per bale, \$1.85; 10 bales, \$16.50.

**Sheet Moss**

Green, for window baskets, etc. Per sack, \$2.50.

**Grafting Wax**

The best grade made. 1/4 lb., 15c; 1/2 lb., 25c; 1 lb., 45c. Postage 5c per lb.

**Hanging Baskets**

Galvanized Wire.

10 inch .....	\$0.25
12 inch .....	.35
14 inch .....	.50

If wanted by mail, add 5c each for postage.

**Fertilizers for the Lawn, Farm, Garden and Greenhouse**

Prices On Fertilizers Subject to Change Without Notice. Write for Prices on Ton and Cars.

# SACCO

TRADE MARK REG. U.S. PAT. OFF.  
"Makes Things Grow"

Sacco is the finest of fertilizers—a combined soil rectifier and growth producer for use on Lawns, Gardens, Shrubs, Flowers, Trees, Potted Plants and Vegetables. It is a well-balanced preparation containing all the feeding elements essential to the perfect growth and development of all plants.

Use 2 to 4 pounds per 100 square feet. Full directions for using SACCO are printed on each package. One application produces amazing results.

A single Sacco application can be depended upon to make grass and vegetables grow vigorously and to make flowers and shrubbery beautiful with bloom and foliage. This plant-food gives quick results, is easy to apply and very economical.

The 85-cent size will fertilize a plot of lawn 20x25 ft. The \$1.75 size will cover 30x40 feet of lawn.

1-lb. can .....	\$0.25	25-lb. bag .....	\$1.75
5-lb. can .....	.50	50-lb. bag .....	3.00
10-lb. bag .....	.85	100-lb. bag .....	5.00

Write for ton prices.

**ALUMINUM SULPHATE** is used to sour the soil and is essential for rhododendrons, azaleas and laurels, as these are acid-loving plants. It is used on lawns where bent grass is desired. 1 lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.50.

**BLOOD DRIED.** For indoor culture of flowering plants, like roses, carnations, etc. Excellent for evergreens, its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$1.75; 50 lbs., \$3.25; 100 lbs., \$6.00.

**BONE-MEAL.** We recommend this especially for lawns, gardens, and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1,000 pounds per acre. 2 lbs., 25c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.40; 50 lbs., \$2.25; 100 lbs., \$4.00.

**CATTLE or COW MANURE, SHREDDED.** For garden, lawn, and greenhouse, and especially good to mix with compost. 100 lbs., \$3.00.

**LIME, HYDRATED or POWDERED.** Promotes growth and sweetens the soil. Apply 1 ton per acre. 50-lb. sack, 50c; 3 sacks, \$1.35.

**MURIATE OF POTASH.** Apply 100 to 150 pounds per acre, usually with other fertilizers. Excellent for potatoes, corn, grains, etc. Lb., 15c; 5 lbs., 40c; 10 lbs., 60c; 25 lbs., \$1.40; 50 lbs., \$2.50; 100 lbs., \$4.50.

**NITRATE OF SODA.** Apply 200 to 300 pounds per acre. Use only after plants are above ground. If used in liquid form, dilute 2 ounces to 1 gallon of water and do not apply oftener than twice a week. Lb., 15c; 5 lbs., 40c; 10 lbs., 60c; 25 lbs., \$1.40; 50 lbs., \$2.50; 100 lbs., \$4.50.

**SHEEP MANURE.** Apply 1,000 pounds per acre. One of the most extensively used of animal manures. The analysis shows it to be a perfectly balanced plant-food. For garden, lawn, or greenhouse use sheep manure. It is clean and easily handled, besides giving immediate results. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., 90c; 50 lbs., \$1.50; 100 lbs., \$2.50.

**SULPHATE OF AMMONIA.** A nitrogenous fertilizer for the lawn, home garden, shrubs, and house plants. Unequalled as the Spring application for stimulating early, vigorous plant-growth. Ten pounds will fertilize a lawn 50x50 ft. 1 lb., 15c; 5 lbs., 40c; 10 lbs., 60c; 50 lbs., \$2.50; 100 lbs., \$4.50.

**TRUCKERS' FAVORITE.** A high-grade fertilizer for vegetables. 125-lb. bag, \$3.50; 1/2 ton, \$25.00; ton, \$48.00.



# INDEX

## Vegetables and Farm Seeds

Alfalfa	41
Asparagus	4
Barley	42
Beans	4-7
Beets, Garden	8
Beets, Stock	9
Borecole	19
Broom Corn	42
Brussels Sprouts	4
Buckwheat	42
Cabbage	10, 11
Cantaloupe	22
Carrots	9
Cauliflower	12
Celeriac	14
Celery	13, 14
Chard, Swiss	9
Chicory	12
Clover	41
Collards	12
Corn, Ensilage	39
Corn, Field	38
Corn, Pop	16
Corn, Sweet	15, 16
Corn Salad	12
Cow Peas	42
Cress	12
Cucumbers	17
Dandelion	18
Dill	18
Eggplant	18
Endive	18
Ensilage Corn	39
Flax	42
Field Corn	38
Garlic Sets	19, 25
Grass, Lawn	2
Grass Seeds	3, 4
Gumbo	23
Herbs	19
Horseradish Roots	18
Kale	19
Kohl-rabi	19
Leek	19
Lettuce	20, 21
Mangels	9
Millet	42
Mushroom	23
Muskmelon	22
Mustard	23
Oats	40
Okra	23
Onion Seed	24, 25
Onion Sets	25
Parsley	26
Parsnip	26
Peas, Field	42
Peas, Garden	26-28
Peppers	29
Pop Corn	16
Potatoes	37
Pumpkin	30
Radishes	31
Rape	42
Rhubarb	32
Rutabaga	36
Rye	42
Salsify	32
Sorghum	42

Soy Beans	40
Spinach	32
Squash	33
Strawberry Plants	57
Sudan Grass	41
Sugar Cane	42
Sunflower	42
Sweet Corn	15, 16
Sweet Potatoes	37
Swiss Chard	9
Turnip	36
Vetch	42
Watermelon	23

## Flower Seeds

Achillea	43
Acroclinium	43
African Daisy	44
Ageratum	43
Alyssum	43
Amaranthus	43
Anchusa	44
Antirrhinum	44
Aquilegia	44
Arctotis	44
Asparagus	44
Asters	44, 45
Baby's Breath	49
Bachelor's Button	47
Balloon Vine	46
Balsam	46
Beard Tongue	52
Bellis	46
Blue Bonnet	54
Blue Lace Flower	48
Brachycome	46
Calceolaria	46
Calendula	46
California Poppy	49
Calliopis	46
Campanula	46
Canary Bird Vine	46
Candytuft	46
Canterbury Bells	46
Cape Marigold	46
Carnation	46
Castor Bean	54
Celosia	46
Centaurea	47
Cerastium	47
Chinese Lantern	53
Chinese Woolflower	46
Chrysanthemum	47
Cineraria	47
Clarkia	47
Cleome	47
Cobaea	47
Cockcomb	46
Coleus	46
Columbine	44
Coneflower	54
Coreopsis	47
Cornflower	47
Cornflower Aster	56
Cosmos	47
Cowslip	47
Cyclamen	47
Cypress Vine	47
Dahlia	48
Daisy	46, 47
Delphinium	48
Dianthus	48

Didiscus	48
Digitalis	48
Dimorphotheca	48
Dolichos	48
Dracaena	49
Eschscholtzia	48
Euphorbia	49
Feverfew	51
Flame Flower	56
Flowering Sage	54
Forget-Me-Not	51
Four O'clock	51
Foxglove	48
Gaillardia	49
Gerbera	49
Gilliflower	56
Godetia	49
Gourds	49
Gypsophila	49
Helichrysum	49
Heliotrope	49
Hollyhocks	50
Hyacinth Bean	48
Ice Plant	51
Impatiens	50
Ipomoea	50
Joseph's Coat	43
Kochia	50
Kudzu Vine	50
Lady's Slipper	46
Lantana	50
Larkspur	50
Lathyrus	50
Lobelia	51
Love-in-a-Mist	52
Love-in-a-Puff	44
Love-Lies-Bleeding	43
Lupinus	51
Lychnis	51
Marigold	51
Marvel of Peru	51
Matricaria	51
Mesembryanthemum	51
Mexican Firebush	50
Mignonette	51
Moonflower	50
Morning Glory	50
Mourning Bride	54
Myosotis	51
Nasturtium	52
Nicotiana	52
Nigella	52
Painted Tongue	54
Pansy	52
Passion Flower	52
Pentstemon	52
Perennial Pea	50
Periwinkle	56
Petunia	52
Phlox	53
Physalis	53
Pinks	48
Polyanthus	53
Poppy	53
Portulaca	53
Primrose	53
Primula	53
Pueraria	50
Pyrethrum	54
Red Hot Poker	56
Ricinus	54

Rudbeckia	54
Salpiglossis	54
Salvia	54
Satin Flower	49
Scabiosa	54
Scarlet Runner Bean	46
Shasta Daisy	47
Snapdragon	44
Snow-in-Summer	47
Snow-on-the-Mountain	49
Stocks	56
Stokesia	56
Strawflower	49
Sultan's Balsam	50
Summer Cypress	50
Sunflower	56
Swan River Daisy	46
Sweet Peas	55
Sweet Sultan	47
Sweet William	56
Thunbergia	56
Torch Lily	56
Transvaal Daisy	49
Tritoma	56
Tufted Pansy	56
Verbena	56
Vinca	56
Viola	56
Violet	56
Wallflower	56
Zanzibar Balsam	50
Zinnia	57

## Bulbs and Roots

Caladium	58
Cannas	58
Cinnamon Vine	58
Dahlias	59
Gladiolus	60
Madeira Vine	58
Oxalis	58
Tuberose	58

## Implements and Sundries

Bird Supplies	62
Clips	63
Cultivators	61
Dibbers	62
Fertilizers	63
Flower Pots	63
Fruit Pickers	62
Glazing Points	63
Grafting Wax	63
Insecticides and Fungicides	3rd Cover Page
Moss	63
Nod-o-gen	40
Plant Stakes	63
Reels	62
Seeders	61
Shears	62
Spades	62
Sprayers	62
Sprinklers, Plant	63
Steel Wire, Galv.	63
Trimmers	62
Trowels	62
Tubs, etc.	63
Weeders	62



**SEMESAN**  
**CERESAN**  
**SEMESAN JR.**  
**SEMESAN BEL.**  
*Control Diseases*  
*Hasten Germination*  
*Increase Yields*

## Seed Disinfectants

**SEMESAN**—This disinfectant can be applied in either the liquid or dust form to prevent or control effectively a most diversified variety of diseases and fungous growths borne on seeds, bulbs, corms, roots, tubers, plants, grafts and soils. Semesan is harmless to seed and plant life.

**CERESAN**—A dust disinfectant for smut on Oats, Barley, Rye, Wheat, and other cereals. 8 ozs., 50c; 1 lb., 75c; 5 lbs., \$3.00.

**SEMESAN JR.**—A dust disinfectant for seed corn against the ear, root and stalk rots,

**SEMESAN BEL.**—Applied to whole or cut seed potatoes, either as a dry powder or a whitewash-like water mixture.

*In All*  
**Package**  
**Sizes**



Prices for Semesan  
 2 ozs. ...\$0.50 5 lbs....\$13.00  
 1 lb. ... 2.75 25 lbs.... 56.25  
 Semesan Jr. and Semesan Bel  
 4 oz. ...\$0.50 5 lbs....\$ 8.00  
 1 lb. .... 1.75 25 lbs.... 31.25

**Semesan Disinfectants Make Good Seeds Grow Better—Ask for Free Booklets**



No.	✓	QUANTITY	Amount forward	DOLLARS	CENTS
21					
22					
23					
24					
25					
26					
27					
28					
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47					

KINDLY WRITE BELOW THE NAMES OF ANY FRIENDS OR NEIGHBORS WHO ARE INTERESTED IN GARDENING, SO THAT WE MAY SEND THEM OUR CATALOG

NAME	CITY OR TOWN	R. F. D.	STATE	Note Whether They Grow for Market or Home Use



# THE HOLMES SEED COMPANY

224 Cleveland Avenue, N. W., CANTON, OHIO

Ship by \_\_\_\_\_ Date \_\_\_\_\_ 192\_\_\_\_  
(State if wanted by Parcel Post, Express, or Freight)

To (Name) \_\_\_\_\_  
(Mr., Mrs. or Miss ; please print name)

P. O. Box, Street  
or Rural Delivery \_\_\_\_\_

Post Office \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Station or Exp. Office \_\_\_\_\_  
(Only if different from P. O.)

Are You a Market Gardener? \_\_\_\_\_ Are You a Florist? \_\_\_\_\_

In accordance with the universal custom of the Seed Trade, the Holmes Seed Co. gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

WE DELIVER FREE all Garden and Flower Seeds in amounts up to and including ten pounds. On larger quantities the customer pays for transportation. See Inside Cover.

No.	/	QUANTITY	DOLLARS	CENTS
1				
2				
3				
4				
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20				

If you have moved during the year, please give us your old as well as your new address.

FILLED BY
CHECKED BY
DATE
SHIPPED
AMOUNT ENCLOSED
Money Order ....\$.....
Check or Draft ....\$.....
Cash ....\$.....
Stamps ...\$.....
TOTAL ...\$.....



# Remedies for Insects and Fungus

NOTE. Insecticides cannot be sent by Parcel Post.  
ALL PRICES SUBJECT TO MARKET CHANGES.

**ANTROL.** For controlling Argentine and species of house ants commonly known as "honeydew loving ants." Set, \$1.00.

**ANT DESTROYER (Powder).** For exterminating ants, cockroaches, wood-lice, snails and many other insects. Per ½ lb., 50c; lb., \$1.00.

**ARSENATE OF LEAD (Powder).** Better than Paris green, does not burn the foliage, goes twice as far, and is easier to handle. Dilute 1 pound to 50 gallons of water. ½ lb., 25c; lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.50; 25 lbs., \$7.50; 100 lbs., \$20.00.

**BLACK LEAF 40.** Per 1 oz. bottle, 35c; ½ lb., \$1.25; 2 lbs., \$3.25; 10 lbs., \$11.85.

**APHISTONE.** Makes a complete spray for aphids (plant lice) and most sucking insects; prepared especially for roses and other plants. Per 4 ozs., 75c; ½ lb., \$1.25; 2 lbs., \$3.50; 12 lbs., \$15.00.

**BAIT M.** For control of cutworms, snails, slugs, etc. Non-injurious to vegetation and very economical to use. 1 lb., 45c; 3 lbs., \$1.15; 15 lbs., \$2.75.

**BORDEAUX MIXTURE (Dry Powder).** The recognized fungicide for the control of most fungous diseases of fruits and ground crops. Dilute 4 to 4½ pounds to 50 gallons of water. ½ lb., 25c; lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$5.75; 50 lbs., \$10.00; 100 lbs., \$18.00.

**CARBOLA.** A combined disinfectant and paint or whitewash for stables, barns and kennels. Kills lice, mites, fly-eggs, etc., and is a preventive of contagious disease. One pound of Carbola is mixed with one gallon of water and will cover approximately 250 square feet of surface. 5 lbs., 75c; 10 lbs., \$1.25; 20 lbs., \$2.50; 50 lbs., \$5.00.

**CARBON BISULPHIDE (Ant Destroyer).** Poisonous and explosive. Keep away from all flames and your nose. For ants in walks, pour a little Bisulphide on each nest; in lawns and gardens, at intervals of 10 inches pour a tablespoonful in each hole. 1-lb. can, 75c.

**COPPER SOLUTION.** Made of sulphate of copper and other materials. A good thing to use for leaf blight and mildew. It is diluted in water. Gal., \$3.50.

**CYANOGAS (Calcium Cyanide).** A valuable insecticide for greenhouse fumigation, for destroying aphids, white fly, soft scale, thrips, etc. It is scattered along the walks, and the house closed for the night. For outside use in killing rats, moles, woodchucks, gophers, and ground squirrels. Also for white grubs and grayfish in lawns. Lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00.

**DERRISOL.** For the control of plant lice, leaf hopper, green flies, thrips, red spider, etc. ½-lb. bottle, \$1.25; 1 lb., \$2.75; 2-lb. can, \$3.25; 10-lb. can, \$12.00.

**FISH OIL SOAP (Whale Oil Soap).** A wash for insects and eggs on the bark, and for smearing the trunks of trees to prevent worms from crawling up. Lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75.

**FUNGITROGEN.** A highly concentrated fungicide that conquers mildew and controls Black Spot on roses, phlox and other plants, and is an effective plant stimulant as well. One tablespoonful to a quart of water. ½ pt., 75c; 1 pt., \$1.25; qt., \$2.00; ½ gal., \$3.50; gal., \$6.00.

**GRAPE DUST.** A powder preparation used for mildew, aphids, black fly and other insects and fungous diseases. 1 lb., 25c; 5 lbs., \$1.00.

**HELLEBORE.** For destroying currant worms and other soft-shelled insects. ½ lb., 35c; 1 lb., 60c; 5 lbs., \$2.75.

**INSECTROGEN.** A complete spray for leaf chewing insects, including caterpillars, rose slug worms and Japanese Beetles. ½ pt., \$1.00; qt., \$1.75; gal., \$2.75; ½ gal., \$4.50; gal., \$8.00.

**KAYSO.** Used as a spreader to mix with other insecticides. Use 1 tablespoonful Kayso to 5 gallons of solution or 1½ pounds to 200 gallons. 5 lbs., \$1.25; 10 lbs., \$2.40; 25 lbs., \$5.00.

**LIME-SULPHUR (Dry Powder Form).** Dilute 1 lb. to 6 gals. of hot or cold water. Per lb., 35c; 5 lbs., \$1.40; 10 lbs., \$2.25; 25 lbs., \$4.50; 50 lbs., \$7.50; 100 lbs., \$14.00.

**FORMALDEHYDE.** Used for destroying disease germs that affect animal and plant life; also as a preventive for potato scab, onion and grain smuts. A pound to 15 gallons of water. A gallon of solution to a bushel of seed is required for treatment. 1-lb. (1 pint) bottles, 50c each.

**MELROSINE.** An efficient Rose Bug remedy. A powerful and highly concentrated insecticide, used as a spray when diluted with from 20 to 25 times its bulk of water. 6 ozs., 50c; pt., \$1.00; qt., \$1.75; ½ gal., \$3.25; gal., \$6.00.

**EVER GREEN (Non-Poisonous).** Sure death to plant insects, including both the chewing and sucking pests. Will not injure tender plants; kills Leaf Rollers and Cut Worms. 1 oz. makes 8 qts. of spray. 1½-oz. bottles, 35c; ½ pt., \$1.00; pt., \$2.00; qt., \$3.85; gal., \$13.00.

**MERKO.** An effective form of dust disinfectant of both field and sweet corn seeds against the ear, root, and stalk rots. 4 ozs., 50c; lb., \$1.75.

**NICO FUME (Liquid).** For use as a spray or vapor, for controlling green fly, aphids, etc., in greenhouses and outdoors. Per ¼ lb., 75c; 1 lb., \$2.00; 4 lbs., \$6.25; 8 lbs., \$11.50.

**NICO FUME FUMIGATING POWDER.** A tobacco powder highly charged with nicotine; splendid for fumigating greenhouses. 5 lbs., \$3.75; 10 lbs., \$6.85.

**PARADICHLOROBENZINE.** For peach tree borers; full directions on each package. Can be used successfully only during August and September, the makers claim it is not effective if used at other seasons. Do not use on very young trees. 1-lb. can, 60c; 5 lbs., \$2.25; 10 lbs., \$3.75.

**PARIS GREEN.** A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. It may be used in liquid form, 1 pound in 50 gallons of water. ¼ lb., 15c; ½ lb., 30c; 1 lb., 55c.

**PYROX.** An insecticide and fungicide for eating insects, blights and fungus. Mix with water to apply. 1 lb., 45c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$10.75; 100 lbs., \$17.00.

**SCALECIDE.** The quality miscible oil. Oldest and best known dormant spray for trees, shrubs and vines. Used by leading fruit growers. Kills scale, insects, eggs, larvae and disease cankers and fungus spores wintering on the plant. Mixes instantly—dilute 1 to 15. Qt., 75c; 1 gal., \$1.75; 5 gals., \$6.25; 10 gals., \$10.60; 15 gals., \$13.50; 30 gals., \$26.00; 50 gals., \$38.00. One gallon equals 3½ gallons lime-sulphur.

**SLUG SHOT.** The remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 1-lb. carton, 20c; 5 lbs., 60c; 10 lbs., \$1.10.

**SULPHUR.** Used for checking mildew. 1 lb., 10c; 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$2.00; 100 lbs., \$7.50.

**SUNOCO SPRAY OIL.** For the control of scale insects, red spider, aphids, thrips, etc. Cheap, effective and pleasant to handle. Gal., \$1.50; 5 gals., \$5.75; 15 gals., \$12.00; 30 gals., \$19.00; 50 gals., \$25.00.

**THRIP JUICE.** This preparation is very effective against aphids, red spider, mealy bugs and sucking insects generally. Gal., \$4.25.

**TOBACCO DUST, FINE.** For green and black aphids, flea-beetles, etc. Splendid fertilizer and preventative for insects in the ground and around roots. 1 lb., 15c; 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.75; 50 lbs., \$3.00; 100-lb. bag, \$5.00.

**TOBACCO POWDER, FUMIGATING.** Extra strong dust for fumigating. 25-lb. bag, \$4.50; 50-lb. bag, \$8.00; 100-lb. bag, \$15.00.

**TOBACCO SOAP (Sulpho).** A combination of tobacco extract and sulphur. Fine for washing and spraying plants. Dissolve in warm water. 25c per 8 ozs. By parcel post, 30c.

**TREE TANGLEFOOT.** A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. 1 lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$11.00.

**VOLCK.** A spray for the garden, nursery and greenhouse. Effectively controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphids, thrips, etc. Not only kills the insects but also acts as a repellent. ½ pt., 50c; pt., 75c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.50.

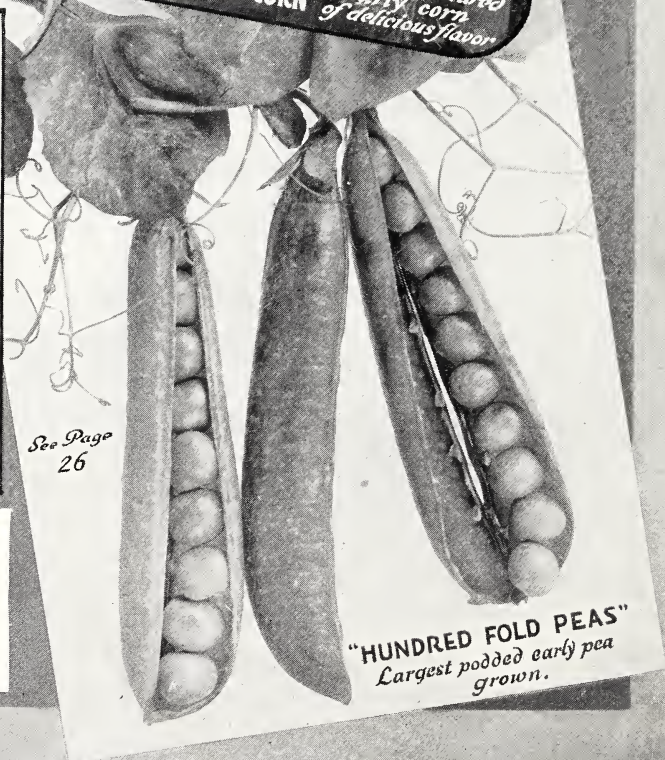
**WEED KILLER.** Kills all plant growth. Dilute 1 part to 40 parts of water. Applied with an ordinary watering can. One gallon will cover 500 square feet. Qt., 75c; gal., \$1.75.

**TREE WOUND PAINT.** Is an insurance against decay, having penetrating, antiseptic and elastic water-proofing qualities. Sun and rain cannot cause the coating to break from the treated wood. Qt., \$1.00; gal., \$3.00.



# The Holmes Seed Company

Canton, Ohio.



## Garden Collection

One Packet Each of these  
four grand varieties

If sold separately would cost 50c  
Order as COVER COLLECTION

**35c**